

Editor Report for Import of OBO File:

REPORT UPDATE SUMMARY

Total Components from OBO File : 5622
New Components created by user : 349
Modified Components edited by user : 2424
Deleted Components removed by user : 0
Unchanged Components : 2816
Critical Components in File : 0

| Components Checked Status | Failed* | Passed** | Total |
|---------------------------------|---------|----------|-------|
| All Components | 0 | 5622 | 5622 |
| New | 0 | 349 | 349 |
| Modified | 0 | 2424 | 2424 |
| Deleted | 0 | 0 | 0 |
| Unchanged | 0 | 2816 | 2816 |

*Failed: Some of the component's properties require revision by editor

**Passed: Components have passed all checks and are approved for any updates that will take place

CRITICAL COMPONENTS: REQUIRE REVISION

Total Critical Components: 0

NEW COMPONENTS

Total New Components: 349

1. TH:00105 - interdigital region mesenchyme
2. TH:00106 - interdigital region skin
3. TH:00107 - forelimb epithelium
4. TH:00108 - forelimb skin
5. TH:00109 - forelimb dermis
6. TH:00100 - phalanx
7. TH:00102 - digit skin
8. TH:00101 - digit epithelium
9. TH:00104 - interdigital region epiithelium
10. TH:00103 - interdigital region
11. TH:00119 - hindlimb dermis
12. TH:00118 - hindlimb skin
13. TH:00117 - hindlimb epithelium
14. TH:00116 - forearm skeletal muscle
15. TH:00114 - forelimb skeleton
16. TH:00115 - forelimb skeletal muscle
17. TH:00112 - forelimb pre-cartilage condensation
18. TH:00113 - forelimb cartilage condensation
19. TH:00110 - forelimb epidermis
20. TH:00111 - forelimb mesenchyme
21. TH:00128 - handplate pre-cartilage condensation
22. TH:00127 - handplate epithelium
23. TH:00129 - handplate cartilage condensation
24. TH:00123 - hindlimb cartilage condensation
25. TH:00124 - hindlimb skeleton
26. TH:00125 - hindlimb skeletal muscle
27. TH:00126 - hindlimb joint
28. TH:00120 - hindlimb epidermis
29. TH:00121 - hindlimb mesenchyme
30. TH:00122 - hindlimb pre-cartilage condensation
31. TH:00139 - forelimb phalanx pre-cartilage condensation
32. TH:00138 - forelimb digit cartilage condensation
33. TH:00132 - handplate joint
34. TH:00133 - forelimb digit
35. TH:00130 - handplate skeleton
36. TH:00131 - handplate skeletal muscle
37. TH:00136 - forelimb digit mesenchyme
38. TH:00137 - forelimb digit pre-cartilage condensation
39. TH:00134 - forelimb digit epithelium
40. TH:00135 - forelimb digit skin
41. TH:00149 - hindlimb digit
42. TH:00141 - forelimb phalanx
43. TH:00142 - forelimb interdigital region
44. TH:00143 - forelimb interdigital region epithelium
45. TH:00144 - forelimb interdigital region mesenchyme
46. TH:00145 - metacarpus
47. TH:00146 - footplate epithelium
48. TH:00147 - footplate pre-cartilage condensation
49. TH:00148 - footplate cartilage condensation
50. TH:00140 - forelimb phalanx cartilage condensation
51. TH:00041 - arachnoid mater
52. TH:00040 - meninges
53. TH:00045 - brain arachnoid mater
54. TH:00044 - brain meninges
55. TH:00043 - pia mater
56. TH:00042 - dura mater
57. TH:00049 - ganglionic eminence
58. TH:00048 - brain subarachnoid space
59. TH:00047 - brain pia mater
60. TH:00046 - brain dura mater
61. TH:00030 - vertebral cartilage condensation
62. TH:00032 - annulus fibrosus
63. TH:00031 - vertebral pre-cartilage condensation
64. TH:00034 - amygdala
65. TH:00033 - basal ganglia
66. TH:00036 - brain ventricle
67. TH:00035 - brain ventricle
68. TH:00038 - brain floor plate
69. TH:00037 - future brain floor plate
70. TH:00039 - brainstem
71. TH:00063 - brain ventricular layer
72. TH:00062 - brain marginal layer
73. TH:00061 - brain mantle layer
74. TH:00060 - lung alveolus
75. TH:00069 - alimentary system epithelium
76. TH:00068 - floor plate
77. TH:00067 - endocardial tube

78. TH:00066 - endocardial lining
79. TH:00065 - cardiac jelly
80. TH:00064 - cardiac muscle
81. TH:00050 - bronchus
82. TH:00052 - bronchus mesenchyme
83. TH:00051 - bronchus epithelium
84. TH:00058 - alveolar system
85. TH:00057 - bronchiole epithelium
86. TH:00059 - alveolar duct
87. TH:00054 - lobar bronchus epithelium
88. TH:00053 - lobar bronchus
89. TH:00056 - bronchiole
90. TH:00055 - lobar bronchus associated mesenchyme
91. TH:00088 - limb joint primordium
92. TH:00089 - limb skeletal muscle
93. TH:00086 - limb cartilage condensation
94. TH:00087 - limb skeleton
95. TH:00080 - subplate
96. TH:00081 - cerebral cortex subventricular zone
97. TH:00084 - limb mesenchyme
98. TH:00085 - limb pre-cartilage condensation
99. TH:00082 - cerebral cortex ventricular zone
100. TH:00083 - limb ectoderm
101. TH:00075 - diencephalon marginal layer
102. TH:00076 - diencephalon ventricular layer
103. TH:00077 - cortical plate
104. TH:00078 - cerebral cortex intermediate zone
105. TH:00079 - cerebral cortex marginal zone
106. TH:00070 - musculoskeletal system
107. TH:00071 - muscle
108. TH:00072 - skeletal muscle
109. TH:00073 - smooth muscle
110. TH:00074 - diencephalon mantle layer
111. TH:00097 - digit mesenchyme
112. TH:00098 - phalanx pre-cartilage condensation
113. TH:00099 - phalanx cartilage condensation
114. TH:00093 - autopod
115. TH:00094 - autopod skin
116. TH:00095 - limb epithelium
117. TH:00096 - limb digit
118. TH:00090 - limb skin
119. TH:00091 - limb dermis
120. TH:00092 - limb epidermis
121. TH:00019 - appendicular skeleton
122. TH:00018 - cartilage
123. TH:00017 - cartilage condensation
124. TH:00011 - neural fold
125. TH:00012 - future rhombencephalon neural fold
126. TH:00010 - extraembryonic blood vessel
127. TH:00015 - mesenchyme derived from neural crest
128. TH:00016 - pre-cartilage condensation
129. TH:00013 - neural crest
130. TH:00014 - epithelium
131. TH:00029 - intervertebral disc
132. TH:00028 - vertebra
133. TH:00020 - choroid plexus
134. TH:00021 - 4th ventricle choroid plexus
135. TH:00022 - blood vessel
136. TH:00023 - apical ectodermal ridge
137. TH:00024 - atrium endocardial lining
138. TH:00025 - atrium cardiac muscle
139. TH:00026 - ventricle endocardial lining
140. TH:00027 - ventricle cardiac muscle
141. TH:00007 - branchial arch membrane
142. TH:00006 - branchial groove
143. TH:00009 - branchial arch mesenchyme derived from head mesoderm
144. TH:00008 - branchial pouch
145. TH:00002 - branchial arch ectoderm
146. TH:00003 - branchial arch endoderm
147. TH:00004 - branchial arch mesenchyme
148. TH:00005 - branchial arch mesenchyme derived from neural crest
149. TH:00001 - paraxial mesenchyme
150. TH:00305 - eyelid epithelium
151. TH:00306 - eyelid mesenchyme
152. TH:00303 - bone marrow
153. TH:00304 - body wall
154. TH:00309 - mesendoderm
155. TH:00307 - face
156. TH:00308 - ileum
157. TH:00302 - 6th branchial arch mesenchyme
158. TH:00301 - 6th branchial arch
159. TH:00300 - piriform cortex
160. TH:00321 - hippocampus CA1
161. TH:00322 - hippocampus CA2

162. TH:00323 - hippocampus CA3
163. TH:00324 - hippocampus CA4
164. TH:00320 - hippocampus region
165. TH:00329 - tail ectoderm
166. TH:00326 - lingual swelling mesenchyme
167. TH:00325 - lingual swelling epithelium
168. TH:00328 - forelimb bud presumptive apical ectodermal ridge
169. TH:00327 - tongue papilla
170. TH:00312 - pretectum
171. TH:00313 - epidermis stratum basale
172. TH:00310 - pallidum
173. TH:00311 - periaqueductal grey
174. TH:00319 - bone
175. TH:00318 - ankle
176. TH:00317 - wrist
177. TH:00316 - epidermis stratum spinosum
178. TH:00315 - epidermis stratum granulosum
179. TH:00314 - epidermis stratum corneum
180. TH:00340 - foliate papilla
181. TH:00341 - accumbens nucleus
182. TH:00342 - brainstem nucleus
183. TH:00343 - crista ampullaris
184. TH:00344 - hair inner root sheath
185. TH:00345 - hair outer root sheath
186. TH:00346 - olfactory cortex subventricular zone
187. TH:00348 - left hepatic duct
188. TH:00347 - pituitary gland
189. TH:00349 - right hepatic duct
190. TH:00330 - tail neural tube floor plate
191. TH:00331 - chondrocranium pre-cartilage condensation
192. TH:00334 - ear epithelium
193. TH:00335 - pharyngo-tympanic tube epithelium
194. TH:00332 - chondrocranium cartilage condensation
195. TH:00333 - anal canal epithelium
196. TH:00339 - brain subventricular zone
197. TH:00338 - alveolar sulcus
198. TH:00337 - snout
199. TH:00336 - presumptive iris
200. TH:00270 - nerve
201. TH:00271 - olfactory bulb
202. TH:00272 - palate epithelium
203. TH:00273 - palate mesenchyme
204. TH:00274 - parathyroid gland
205. TH:00275 - parasympathetic ganglion
206. TH:00276 - peripheral nervous system ganglion
207. TH:00277 - peripheral nerve
208. TH:00278 - salivary gland epithelium
209. TH:00279 - salivary gland mesenchyme
210. TH:00282 - rhombomere floor plate
211. TH:00283 - rhombomere lateral wall
212. TH:00280 - rhombomere
213. TH:00281 - rhombomere
214. TH:00286 - rhombomere marginal layer
215. TH:00287 - rhombomere ventricular layer
216. TH:00284 - rhombomere roof plate
217. TH:00285 - rhombomere mantle layer
218. TH:00288 - respiratory system epithelium
219. TH:00289 - respiratory tract epithelium
220. TH:00291 - semicircular canal epithelium
221. TH:00292 - semicircular canal associated mesenchyme
222. TH:00293 - semicircular duct
223. TH:00294 - semicircular duct ampulla
224. TH:00290 - semicircular canal
225. TH:00299 - cerebral cortex subplate
226. TH:00295 - small intestine
227. TH:00296 - stomach epithelium
228. TH:00297 - stomach associated mesenchyme
229. TH:00298 - telencephalon septum
230. TH:00261 - dermatome
231. TH:00260 - lip
232. TH:00263 - trunk dermatome
233. TH:00262 - myotome
234. TH:00265 - neocortex
235. TH:00264 - trunk myotome
236. TH:00267 - myelencephalon ventricular layer
237. TH:00266 - hippocampus
238. TH:00269 - ganglion
239. TH:00268 - myenteric nerve plexus
240. TH:00250 - medulla oblongata mantle layer
241. TH:00254 - metacarpus cartilage condensation
242. TH:00253 - metacarpus pre-cartilage condensation
243. TH:00252 - medulla oblongata ventricular layer
244. TH:00251 - medulla oblongata marginal layer
245. TH:00258 - midbrain-hindbrain junction

246. TH:00257 - midbrain-hindbrain junction
247. TH:00256 - metencephalon ventricular layer
248. TH:00255 - mesothelium
249. TH:00259 - midbrain-hindbrain junction
250. TH:00245 - upper jaw tooth enamel organ
251. TH:00244 - upper jaw tooth dental lamina
252. TH:00247 - lung epithelium
253. TH:00246 - upper jaw tooth dental papilla
254. TH:00241 - upper jaw epithelium
255. TH:00240 - lower jaw tooth dental papilla
256. TH:00243 - upper jaw tooth mesenchyme
257. TH:00242 - upper jaw tooth epithelium
258. TH:00248 - lung associated mesenchyme
259. TH:00249 - lung vascular element
260. TH:00236 - lower jaw tooth epithelium
261. TH:00235 - superior colliculus
262. TH:00234 - inferior colliculus
263. TH:00233 - lens epithelium
264. TH:00232 - intestine associated mesenchyme
265. TH:00231 - intestine epithelium
266. TH:00230 - intestine
267. TH:00239 - lower jaw tooth enamel organ
268. TH:00237 - lower jaw tooth mesenchyme
269. TH:00238 - lower jaw tooth dental lamina
270. TH:00220 - molar epithelium
271. TH:00221 - molar dental lamina
272. TH:00222 - molar enamel organ
273. TH:00223 - molar mesenchyme
274. TH:00224 - molar dental papilla
275. TH:00225 - inner ear epithelium
276. TH:00227 - vestibular component epithelium
277. TH:00226 - inner ear associated mesenchyme
278. TH:00229 - alimentary system associated mesenchyme
279. TH:00228 - vestibular component associated mesenchyme
280. TH:00210 - enamel organ
281. TH:00213 - incisor
282. TH:00214 - incisor epithelium
283. TH:00211 - tooth mesenchyme
284. TH:00212 - dental papilla
285. TH:00218 - incisor dental papilla
286. TH:00217 - incisor mesenchyme
287. TH:00216 - incisor enamel organ
288. TH:00215 - incisor dental lamina
289. TH:00219 - molar
290. TH:00200 - hindbrain ventricular layer
291. TH:00201 - hindbrain roof plate
292. TH:00202 - hindbrain roof
293. TH:00203 - jaw primordium
294. TH:00209 - dental lamina
295. TH:00208 - tooth epithelium
296. TH:00205 - jaw epithelium
297. TH:00204 - jaw
298. TH:00207 - tooth
299. TH:00206 - jaw mesenchyme
300. TH:00191 - gut lumen
301. TH:00190 - gut associated mesenchyme
302. TH:00193 - gut dorsal mesentery
303. TH:00192 - gut mesentery
304. TH:00195 - hindbrain lateral wall
305. TH:00194 - hindbrain floor plate
306. TH:00197 - hindbrain basal plate
307. TH:00196 - hindbrain alar plate
308. TH:00199 - hindbrain marginal layer
309. TH:00198 - hindbrain mantle layer
310. TH:00178 - fronto-nasal process epithelium
311. TH:00179 - future forebrain floor plate
312. TH:00174 - forebrain marginal layer
313. TH:00175 - forebrain ventricular layer
314. TH:00176 - foregut epithelium
315. TH:00177 - foregut associated mesenchyme
316. TH:00170 - pancreatic duct
317. TH:00171 - pancreas parenchyma
318. TH:00172 - pancreas parenchyma
319. TH:00173 - islets of Langerhans
320. TH:00189 - gut epithelium
321. TH:00187 - rhombomere roof plate
322. TH:00188 - gut endoderm
323. TH:00185 - rhombomere lateral wall
324. TH:00186 - rhombomere ventricular layer
325. TH:00183 - rhombomere
326. TH:00184 - rhombomere floor plate
327. TH:00181 - future forebrain roof plate
328. TH:00182 - future rhombencephalon floor plate
329. TH:00180 - future forebrain lateral wall

- 330. TH:00152 - hindlimb digit precartilage condensation
- 331. TH:00153 - hindlimb digit cartilage condensation
- 332. TH:00154 - metatarsus
- 333. TH:00155 - hindlimb phalanx
- 334. TH:00156 - hindlimb digit skin
- 335. TH:00157 - hindlimb digit dermis
- 336. TH:00158 - hindlimb digit epidermis
- 337. TH:00159 - hindlimb interdigital region
- 338. TH:00150 - hindlimb digit epithelium
- 339. TH:00151 - hindlimb digit mesenchyme
- 340. TH:00165 - hindlimb phalanx cartilage condensation
- 341. TH:00166 - footplate joint
- 342. TH:00163 - hindlimb phalanx pre-cartilage condensation
- 343. TH:00164 - metatarsus cartilage condensation
- 344. TH:00169 - pancreatic duct
- 345. TH:00167 - dorsal pancreatic duct
- 346. TH:00168 - dorsal pancreatic duct
- 347. TH:00161 - hindlimb interdigital region mesenchyme
- 348. TH:00162 - metatarsus pre-cartilage condensation
- 349. TH:00160 - hindlimb interdigital region epithelium

DETAILS:

| New OBOComponent 1 | | | |
|-------------------------------|-------------|------|-----------------|
| ID | TH:00105 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| TH:00103[interdigital region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 2 | | | |
|-------------------------------|-------------|------|-----------------|
| ID | TH:00106 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00103[interdigital region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 3 | | | |
|-----------------------|-------------|------|-----------------|
| ID | TH:00107 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17412[forelimb] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 4 | | | |
|-----------------------|-------------|------|-----------------|
| ID | TH:00108 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17412[forelimb] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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| New OBOComponent 5 | | | |
|-------------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00109 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00108[forelimb skin] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 6 | | | |
|----------------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00100 | <i>Name</i> | <i>Starts At</i> |
| TS23 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00097[digit mesenchyme] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 7 | | | |
|----------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00102 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00096[limb digit] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 8 | | | |
|----------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00101 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS21 | <i>Primary Parents</i> |
| TH:00096[limb digit] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 9 | | | |
|-------------------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00104 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS21 | <i>Primary Parents</i> |
| TH:00103[interdigital region] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 10 | | | |
|---------------------|----------------|-------------|------------------------|
| <i>ID</i> | TH:00103 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00093[autopod] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
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|----------------------------|-------------|-----|-------------|
| New OBOComponent 10 | | | |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|----------------------------|-------------|------|-----------------|
| New OBOComponent 11 | | | |
| ID | TH:00119 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00118[hindlimb skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|----------------------------|-------------|------|-----------------|
| New OBOComponent 12 | | | |
| ID | TH:00118 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17458[hindlimb] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|----------------------------|-------------|------|-----------------|
| New OBOComponent 13 | | | |
| ID | TH:00117 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17458[hindlimb] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|----------------------------|-------------|------|-----------------|
| New OBOComponent 14 | | | |
| ID | TH:00116 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:17417[forearm] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|----------------------------|-------------|------|-----------------|
| New OBOComponent 15 | | | |
| ID | TH:00114 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:17412[forelimb] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|----------------------------|--|--|--|
| New OBOComponent 16 | | | |
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| New OBOComponent 16 | | | |
|-----------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00115 | <i>Name</i> | <i>Starts At</i> |
| TS24 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17412[forelimb] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 17 | | | |
|-------------------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00112 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS20 | <i>Primary Parents</i> |
| TH:00111[forelimb mesenchyme] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 18 | | | |
|-------------------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00113 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS22 | <i>Primary Parents</i> |
| TH:00111[forelimb mesenchyme] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 19 | | | |
|-------------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00110 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00108[forelimb skin] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 20 | | | |
|-----------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00111 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17412[forelimb] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 21 | | | |
|-----------------------------------|----------------|-------------|------------------------|
| <i>ID</i> | TH:00128 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS21 | <i>Primary Parents</i> |
| EMAPA:17457[handplate mesenchyme] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |

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|----------------------------|--------------------|-----|-----------------|
| New OBOComponent 21 | | | |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 22 | | | |
| <i>ID</i> | TH:00127 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS21 | <i>Primary Parents</i> |
| EMAPA:17428[handplate] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------------|--------------------|-------------|------------------------|
| New OBOComponent 23 | | | |
| <i>ID</i> | TH:00129 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS22 | <i>Primary Parents</i> |
| EMAPA:17457[handplate mesenchyme] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-------------------------------|--------------------|-------------|------------------------|
| New OBOComponent 24 | | | |
| <i>ID</i> | TH:00123 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS22 | <i>Primary Parents</i> |
| TH:00121[hindlimb mesenchyme] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 25 | | | |
| <i>ID</i> | TH:00124 | <i>Name</i> | <i>Starts At</i> |
| TS23 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17458[hindlimb] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 26 | | | |
| <i>ID</i> | TH:00125 | <i>Name</i> | <i>Starts At</i> |
| TS24 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17458[hindlimb] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------|----------|-------------|------------------|
| New OBOComponent 27 | | | |
| <i>ID</i> | TH:00126 | <i>Name</i> | <i>Starts At</i> |
| | | | |

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|----------------------------|-------------|------|-----------------|
| New OBOComponent 27 | | | |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17458[hindlimb] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|----------------------------|-------------|------|-----------------|
| New OBOComponent 28 | | | |
| ID | TH:00120 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00118[hindlimb skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|----------------------------|-------------|------|-----------------|
| New OBOComponent 29 | | | |
| ID | TH:00121 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17458[hindlimb] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-------------------------------|-------------|------|-----------------|
| New OBOComponent 30 | | | |
| ID | TH:00122 | Name | Starts At |
| TS20 | Ends At | TS20 | Primary Parents |
| TH:00121[hindlimb mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|--|-------------|------|-----------------|
| New OBOComponent 31 | | | |
| ID | TH:00139 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| TH:00133[forelimb digit] TH:00137[forelimb digit pre-cartilage condensation] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|---|----------|------|-----------------|
| New OBOComponent 32 | | | |
| ID | TH:00138 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| TH:00129[handplate cartilage condensation] TH:00136[forelimb digit mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |

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|----------------------------|--------------------|-----|-----------------|
| New OBOComponent 32 | | | |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 33 | | | |
| <i>ID</i> | TH:00132 | <i>Name</i> | <i>Starts At</i> |
| TS24 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17428[handplate] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 34 | | | |
| <i>ID</i> | TH:00133 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17428[handplate] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 35 | | | |
| <i>ID</i> | TH:00130 | <i>Name</i> | <i>Starts At</i> |
| TS23 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17428[handplate] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 36 | | | |
| <i>ID</i> | TH:00131 | <i>Name</i> | <i>Starts At</i> |
| TS24 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17428[handplate] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|--|--------------------|-------------|------------------------|
| New OBOComponent 37 | | | |
| <i>ID</i> | TH:00136 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17457[handplate mesenchyme] TH:00133[forelimb digit] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------|----------|-------------|------------------|
| New OBOComponent 38 | | | |
| <i>ID</i> | TH:00137 | <i>Name</i> | <i>Starts At</i> |

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|---|-------------|------|-----------------|
| New OBOComponent 38 | | | |
| TS21 | Ends At | TS21 | Primary Parents |
| TH:00128[handplate pre-cartilage condensation] TH:00136[forelimb digit mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|----------------------------|-------------|------|-----------------|
| New OBOComponent 39 | | | |
| ID | TH:00134 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| TH:00133[forelimb digit] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|----------------------------|-------------|------|-----------------|
| New OBOComponent 40 | | | |
| ID | TH:00135 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00133[forelimb digit] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|----------------------------|-------------|------|-----------------|
| New OBOComponent 41 | | | |
| ID | TH:00149 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17459[footplate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|----------------------------|-------------|------|-----------------|
| New OBOComponent 42 | | | |
| ID | TH:00141 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| TH:00133[forelimb digit] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|----------------------------|----------|------|-----------------|
| New OBOComponent 43 | | | |
| ID | TH:00142 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17428[handplate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| | | | |

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|----------------------------|--------------------|-----|-----------------|
| New OBOComponent 43 | | | |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|--|--------------------|-------------|------------------------|
| New OBOComponent 44 | | | |
| <i>ID</i> | TH:00143 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS21 | <i>Primary Parents</i> |
| TH:00142[forelimb interdigital region] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|--|--------------------|-------------|------------------------|
| New OBOComponent 45 | | | |
| <i>ID</i> | TH:00144 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00142[forelimb interdigital region] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 46 | | | |
| <i>ID</i> | TH:00145 | <i>Name</i> | <i>Starts At</i> |
| TS23 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00133[forelimb digit] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 47 | | | |
| <i>ID</i> | TH:00146 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS21 | <i>Primary Parents</i> |
| EMAPA:17459[footplate] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------------|--------------------|-------------|------------------------|
| New OBOComponent 48 | | | |
| <i>ID</i> | TH:00147 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS21 | <i>Primary Parents</i> |
| EMAPA:17488[footplate mesenchyme] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------|----------|-------------|------------------|
| New OBOComponent 49 | | | |
| <i>ID</i> | TH:00148 | <i>Name</i> | <i>Starts At</i> |
| | | | |

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|-----------------------------------|-------------|------|-----------------|
| New OBOComponent 49 | | | |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:17488[footplate mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|--|-------------|------|-----------------|
| New OBOComponent 50 | | | |
| ID | TH:00140 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| TH:00133[forelimb digit] TH:00138[forelimb digit cartilage condensation] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|----------------------------|-------------|------|-----------------|
| New OBOComponent 51 | | | |
| ID | TH:00041 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00040[meninges] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-------------------------------------|-------------|------|-----------------|
| New OBOComponent 52 | | | |
| ID | TH:00040 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:16470[central nervous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|--|-------------|------|-----------------|
| New OBOComponent 53 | | | |
| ID | TH:00045 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00041[arachnoid mater] TH:00044[brain meninges] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|---------------------------------------|----------|------|-----------------|
| New OBOComponent 54 | | | |
| ID | TH:00044 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00040[meninges] EMAPA:16894[brain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| | | | |

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|----------------------------|--------------------|-----|-----------------|
| New OBOComponent 54 | | | |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 55 | | | |
| <i>ID</i> | TH:00043 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00040[meninges] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 56 | | | |
| <i>ID</i> | TH:00042 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00040[meninges] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 57 | | | |
| <i>ID</i> | TH:00049 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16910[telencephalon] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 58 | | | |
| <i>ID</i> | TH:00048 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00044[brain meninges] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|--|--------------------|-------------|------------------------|
| New OBOComponent 59 | | | |
| <i>ID</i> | TH:00047 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00043[pia mater] TH:00044[brain meninges] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------|----------|-------------|------------------|
| New OBOComponent 60 | | | |
| <i>ID</i> | TH:00046 | <i>Name</i> | <i>Starts At</i> |
| | | | |

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|---|-------------|------|-----------------|
| New OBOComponent 60 | | | |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00044[brain meninges] TH:00042[dura mater] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 61 | | | |
| ID | TH:00030 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:17214[axial skeleton] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-------------------------------|-------------|------|-----------------|
| New OBOComponent 62 | | | |
| ID | TH:00032 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00029[intervertebral disc] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 63 | | | |
| ID | TH:00031 | Name | Starts At |
| TS15 | Ends At | TS26 | Primary Parents |
| EMAPA:17214[axial skeleton] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|----------------------------|-------------|------|-----------------|
| New OBOComponent 64 | | | |
| ID | TH:00034 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00033[basal ganglia] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| | | | |
|----------------------------|-------------|------|-----------------|
| New OBOComponent 65 | | | |
| ID | TH:00033 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:16910[telencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 66 | | | |
|---------------------|-------------|------|-----------------|
| ID | TH:00036 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16894[brain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 67 | | | |
|---------------------------|-------------|------|-----------------|
| ID | TH:00035 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16471[future brain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 68 | | | |
|---------------------|-------------|------|-----------------|
| ID | TH:00038 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16894[brain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 69 | | | |
|---------------------------|-------------|------|-----------------|
| ID | TH:00037 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16471[future brain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 70 | | | |
|---------------------|-------------|------|-----------------|
| ID | TH:00039 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:16894[brain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 71 | | | |
|---------------------|----------|------|-----------------|
| ID | TH:00063 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16894[brain] | | | Group Parents |
| | | | Synonyms |
| | | | |

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|----------------------------|--------------------|-----|--------------------|
| New OBOComponent 71 | | | |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 72 | | | |
| <i>ID</i> | TH:00062 | <i>Name</i> | <i>Starts At</i> |
| TS17 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16894[brain] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 73 | | | |
| <i>ID</i> | TH:00061 | <i>Name</i> | <i>Starts At</i> |
| TS17 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16894[brain] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 74 | | | |
| <i>ID</i> | TH:00060 | <i>Name</i> | <i>Starts At</i> |
| TS25 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00058[alveolar system] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|--------------------------------|--------------------|-------------|------------------------|
| New OBOComponent 75 | | | |
| <i>ID</i> | TH:00069 | <i>Name</i> | <i>Starts At</i> |
| TS12 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16246[alimentary system] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-------------------------------------|--------------------|-------------|------------------------|
| New OBOComponent 76 | | | |
| <i>ID</i> | TH:00068 | <i>Name</i> | <i>Starts At</i> |
| TS14 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16470[central nervous system] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| | | | |
|----------------------------|--|--|--|
| New OBOComponent 77 | | | |
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| New OBOComponent 77 | | | |
|---------------------|-------------|------|-----------------|
| ID | TH:00067 | Name | Starts At |
| TS12 | Ends At | TS14 | Primary Parents |
| EMAPA:16105[heart] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 78 | | | |
|---------------------|-------------|------|-----------------|
| ID | TH:00066 | Name | Starts At |
| TS15 | Ends At | TS20 | Primary Parents |
| EMAPA:16105[heart] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 79 | | | |
|---------------------|-------------|------|-----------------|
| ID | TH:00065 | Name | Starts At |
| TS12 | Ends At | TS17 | Primary Parents |
| EMAPA:16105[heart] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 80 | | | |
|---------------------|-------------|------|-----------------|
| ID | TH:00064 | Name | Starts At |
| TS12 | Ends At | TS26 | Primary Parents |
| EMAPA:16105[heart] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 81 | | | |
|---------------------------------|-------------|------|-----------------|
| ID | TH:00050 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:16727[respiratory system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 82 | | | |
|---------------------|----------|------|-----------------|
| ID | TH:00052 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| TH:00050[bronchus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |

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|----------------------------|--------------------|-----|-----------------|
| New OBOComponent 82 | | | |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 83 | | | |
| <i>ID</i> | TH:00051 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00050[bronchus] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 84 | | | |
| <i>ID</i> | TH:00058 | <i>Name</i> | <i>Starts At</i> |
| TS24 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00056[bronchiole] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 85 | | | |
| <i>ID</i> | TH:00057 | <i>Name</i> | <i>Starts At</i> |
| TS24 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00056[bronchiole] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 86 | | | |
| <i>ID</i> | TH:00059 | <i>Name</i> | <i>Starts At</i> |
| TS25 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00058[alveolar system] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 87 | | | |
| <i>ID</i> | TH:00054 | <i>Name</i> | <i>Starts At</i> |
| TS19 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00053[lobar bronchus] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------|----------|-------------|------------------|
| New OBOComponent 88 | | | |
| <i>ID</i> | TH:00053 | <i>Name</i> | <i>Starts At</i> |
| | | | |

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|----------------------------|-------------|------|-----------------|
| New OBOComponent 88 | | | |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:16728[lung] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|----------------------------|-------------|------|-----------------|
| New OBOComponent 89 | | | |
| ID | TH:00056 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| TH:00053[lobar bronchus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| | | | |
|----------------------------|-------------|------|-----------------|
| New OBOComponent 90 | | | |
| ID | TH:00055 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| TH:00053[lobar bronchus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| | | | |
|----------------------------|-------------|------|-----------------|
| New OBOComponent 91 | | | |
| ID | TH:00088 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| TH:00084[limb mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|----------------------------|-------------|------|-----------------|
| New OBOComponent 92 | | | |
| ID | TH:00089 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:16405[limb] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|----------------------------|-------------|------|-----------------|
| New OBOComponent 93 | | | |
| ID | TH:00086 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| TH:00084[limb mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 94 | | | |
|---------------------|-------------|------|-----------------|
| ID | TH:00087 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:16405[limb] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 95 | | | |
|------------------------------|-------------|------|-----------------|
| ID | TH:00080 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:17544[cerebral cortex] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 96 | | | |
|------------------------------|-------------|------|-----------------|
| ID | TH:00081 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17544[cerebral cortex] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 97 | | | |
|---------------------|-------------|------|-----------------|
| ID | TH:00084 | Name | Starts At |
| TS14 | Ends At | TS26 | Primary Parents |
| EMAPA:16405[limb] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 98 | | | |
|---------------------------|-------------|------|-----------------|
| ID | TH:00085 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| TH:00084[limb mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 99 | | | |
|------------------------------|----------|------|-----------------|
| ID | TH:00082 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:17544[cerebral cortex] | | | Group Parents |
| | | | Synonyms |
| | | | |

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|----------------------------|--------------------|-----|--------------------|
| New OBOComponent 99 | | | |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 100 | | | |
| <i>ID</i> | TH:00083 | <i>Name</i> | <i>Starts At</i> |
| TS14 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16405[limb] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 101 | | | |
| <i>ID</i> | TH:00075 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16896[diencephalon] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 102 | | | |
| <i>ID</i> | TH:00076 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16896[diencephalon] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|------------------------------|--------------------|-------------|------------------------|
| New OBOComponent 103 | | | |
| <i>ID</i> | TH:00077 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17544[cerebral cortex] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|------------------------------|--------------------|-------------|------------------------|
| New OBOComponent 104 | | | |
| <i>ID</i> | TH:00078 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17544[cerebral cortex] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 105 | | | |
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| New OBOComponent 105 | | | |
|------------------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00079 | <i>Name</i> | <i>Starts At</i> |
| TS25 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17544[cerebral cortex] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 106 | | | |
|---------------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00070 | <i>Name</i> | <i>Starts At</i> |
| TS15 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16103[organ system] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 107 | | | |
|---------------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00071 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16103[organ system] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 108 | | | |
|---|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00072 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00071[muscle] TH:00070[musculoskeletal system] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 109 | | | |
|----------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00073 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00071[muscle] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 110 | | | |
|---------------------------|----------------|-------------|------------------------|
| <i>ID</i> | TH:00074 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16896[diencephalon] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |

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|-----------------------------|--------------------|-----|-----------------|
| New OBOComponent 110 | | | |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 111 | | | |
| <i>ID</i> | TH:00097 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00096[limb digit] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 112 | | | |
| <i>ID</i> | TH:00098 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS21 | <i>Primary Parents</i> |
| TH:00097[digit mesenchyme] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 113 | | | |
| <i>ID</i> | TH:00099 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS22 | <i>Primary Parents</i> |
| TH:00097[digit mesenchyme] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 114 | | | |
| <i>ID</i> | TH:00093 | <i>Name</i> | <i>Starts At</i> |
| TS19 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16405[limb] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 115 | | | |
| <i>ID</i> | TH:00094 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00093[autopod] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|----------|-------------|------------------|
| New OBOComponent 116 | | | |
| <i>ID</i> | TH:00095 | <i>Name</i> | <i>Starts At</i> |
| | | | |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 116 | | | |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:16405[limb] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 117 | | | |
| ID | TH:00096 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| TH:00093[autopod] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 118 | | | |
| ID | TH:00090 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:16405[limb] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 119 | | | |
| ID | TH:00091 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00090[limb skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 120 | | | |
| ID | TH:00092 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00090[limb skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 121 | | | |
| ID | TH:00019 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17213[skeleton] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 122 | | | |
|--|-------------|------|-----------------|
| ID | TH:00018 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:25765[mouse] EMAPA:16039[embryo] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 123 | | | |
|-------------------------|-------------|------|-----------------|
| ID | TH:00017 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16097[mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 124 | | | |
|------------------------------|-------------|------|-----------------|
| ID | TH:00011 | Name | Starts At |
| TS11 | Ends At | TS13 | Primary Parents |
| EMAPA:16073[neural ectoderm] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 125 | | | |
|-------------------------------------|-------------|------|-----------------|
| ID | TH:00012 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16148[future rhombencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 126 | | | |
|---|-------------|------|-----------------|
| ID | TH:00010 | Name | Starts At |
| TS13 | Ends At | TS26 | Primary Parents |
| EMAPA:16370[extraembryonic vascular system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 127 | | | |
|-------------------------|----------|------|-----------------|
| ID | TH:00015 | Name | Starts At |
| TS11 | Ends At | TS22 | Primary Parents |
| EMAPA:16097[mesenchyme] | | | Group Parents |
| | | | Synonyms |
| | | | |

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|-----------------------------|--------------------|-----|--------------------|
| New OBOComponent 127 | | | |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 128 | | | |
| <i>ID</i> | TH:00016 | <i>Name</i> | <i>Starts At</i> |
| TS15 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16097[mesenchyme] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 129 | | | |
| <i>ID</i> | TH:00013 | <i>Name</i> | <i>Starts At</i> |
| TS11 | <i>Ends At</i> | TS13 | <i>Primary Parents</i> |
| TH:00011[neural fold] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|--|--------------------|-------------|------------------------|
| New OBOComponent 130 | | | |
| <i>ID</i> | TH:00014 | <i>Name</i> | <i>Starts At</i> |
| TS14 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16039[embryo] EMAPA:25765[mouse] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 131 | | | |
| <i>ID</i> | TH:00029 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17214[axial skeleton] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 132 | | | |
| <i>ID</i> | TH:00028 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17214[axial skeleton] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 133 | | | |
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| New OBOComponent 133 | | | |
|----------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00020 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16894[brain] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 134 | | | |
|---|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00021 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00020[choroid plexus] EMAPA:16916[hindbrain] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 135 | | | |
|------------------------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00022 | <i>Name</i> | <i>Starts At</i> |
| TS12 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16104[cardiovascular system] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 136 | | | |
|-------------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00023 | <i>Name</i> | <i>Starts At</i> |
| TS16 | <i>Ends At</i> | TS19 | <i>Primary Parents</i> |
| TH:00083[limb ectoderm] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 137 | | | |
|----------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00024 | <i>Name</i> | <i>Starts At</i> |
| TS15 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16688[atrium] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 138 | | | |
|----------------------|----------------|-------------|------------------------|
| <i>ID</i> | TH:00025 | <i>Name</i> | <i>Starts At</i> |
| TS15 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16688[atrium] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |

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| New OBOComponent 138 | | | |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 139 | | | |
| <i>ID</i> | TH:00026 | <i>Name</i> | <i>Starts At</i> |
| TS19 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17331[ventricle] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 140 | | | |
| <i>ID</i> | TH:00027 | <i>Name</i> | <i>Starts At</i> |
| TS19 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17331[ventricle] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 141 | | | |
| <i>ID</i> | TH:00007 | <i>Name</i> | <i>Starts At</i> |
| TS12 | <i>Ends At</i> | TS19 | <i>Primary Parents</i> |
| EMAPA:16117[branchial arch] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 142 | | | |
| <i>ID</i> | TH:00006 | <i>Name</i> | <i>Starts At</i> |
| TS12 | <i>Ends At</i> | TS19 | <i>Primary Parents</i> |
| EMAPA:16117[branchial arch] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 143 | | | |
| <i>ID</i> | TH:00009 | <i>Name</i> | <i>Starts At</i> |
| TS12 | <i>Ends At</i> | TS19 | <i>Primary Parents</i> |
| TH:00004[branchial arch mesenchyme] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 144 | | | |
| <i>ID</i> | TH:00008 | <i>Name</i> | <i>Starts At</i> |
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| New OBOComponent 144 | | | |
| TS12 | Ends At | TS19 | Primary Parents |
| EMAPA:16117[branchial arch] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 145 | | | |
| ID | TH:00002 | Name | Starts At |
| TS12 | Ends At | TS19 | Primary Parents |
| EMAPA:16117[branchial arch] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 146 | | | |
| ID | TH:00003 | Name | Starts At |
| TS12 | Ends At | TS19 | Primary Parents |
| EMAPA:16117[branchial arch] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 147 | | | |
| ID | TH:00004 | Name | Starts At |
| TS12 | Ends At | TS19 | Primary Parents |
| EMAPA:16117[branchial arch] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-------------------------------------|-------------|------|-----------------|
| New OBOComponent 148 | | | |
| ID | TH:00005 | Name | Starts At |
| TS12 | Ends At | TS19 | Primary Parents |
| TH:00004[branchial arch mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 149 | | | |
| ID | TH:00001 | Name | Starts At |
| TS12 | Ends At | TS26 | Primary Parents |
| EMAPA:16097[mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 150 | | | |
| <i>ID</i> | TH:00305 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17829[eyelid] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 151 | | | |
| <i>ID</i> | TH:00306 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17829[eyelid] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 152 | | | |
| <i>ID</i> | TH:00303 | <i>Name</i> | <i>Starts At</i> |
| TS23 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00319[bone] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 153 | | | |
| <i>ID</i> | TH:00304 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:31857[trunk] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 154 | | | |
| <i>ID</i> | TH:00309 | <i>Name</i> | <i>Starts At</i> |
| TS10 | <i>Ends At</i> | TS11 | <i>Primary Parents</i> |
| EMAPA:16039[embryo] EMAPA:25765[mouse] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|----------------|-------------|------------------------|
| New OBOComponent 155 | | | |
| <i>ID</i> | TH:00307 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:31858[head] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
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| New OBOComponent 155 | | | |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 156 | | | |
| <i>ID</i> | TH:00308 | <i>Name</i> | <i>Starts At</i> |
| TS24 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16247[gut] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 157 | | | |
| <i>ID</i> | TH:00302 | <i>Name</i> | <i>Starts At</i> |
| TS17 | <i>Ends At</i> | TS17 | <i>Primary Parents</i> |
| TH:00301[6th branchial arch] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 158 | | | |
| <i>ID</i> | TH:00301 | <i>Name</i> | <i>Starts At</i> |
| TS17 | <i>Ends At</i> | TS17 | <i>Primary Parents</i> |
| EMAPA:16117[branchial arch] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 159 | | | |
| <i>ID</i> | TH:00300 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17779[olfactory cortex] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 160 | | | |
| <i>ID</i> | TH:00321 | <i>Name</i> | <i>Starts At</i> |
| TS26 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00320[hippocampus region] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 161 | | | |
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| New OBOComponent 161 | | | |
| <i>ID</i> | TH:00322 | <i>Name</i> | <i>Starts At</i> |
| TS26 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00320[hippocampus region] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|------------------------------|--------------------|-------------|------------------------|
| New OBOComponent 162 | | | |
| <i>ID</i> | TH:00323 | <i>Name</i> | <i>Starts At</i> |
| TS26 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00320[hippocampus region] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|------------------------------|--------------------|-------------|------------------------|
| New OBOComponent 163 | | | |
| <i>ID</i> | TH:00324 | <i>Name</i> | <i>Starts At</i> |
| TS26 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00320[hippocampus region] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 164 | | | |
| <i>ID</i> | TH:00320 | <i>Name</i> | <i>Starts At</i> |
| TS26 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:19148[hippocampus] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 165 | | | |
| <i>ID</i> | TH:00329 | <i>Name</i> | <i>Starts At</i> |
| TS15 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16748[tail] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-------------------------------|----------------|-------------|------------------------|
| New OBOComponent 166 | | | |
| <i>ID</i> | TH:00326 | <i>Name</i> | <i>Starts At</i> |
| TS18 | <i>Ends At</i> | TS20 | <i>Primary Parents</i> |
| EMAPA:17186[lingual swelling] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |

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| New OBOComponent 166 | | | |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 167 | | | |
| <i>ID</i> | TH:00325 | <i>Name</i> | <i>Starts At</i> |
| TS18 | <i>Ends At</i> | TS20 | <i>Primary Parents</i> |
| EMAPA:17186[lingual swelling] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 168 | | | |
| <i>ID</i> | TH:00328 | <i>Name</i> | <i>Starts At</i> |
| TS15 | <i>Ends At</i> | TS15 | <i>Primary Parents</i> |
| EMAPA:16407[forelimb bud ectoderm] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 169 | | | |
| <i>ID</i> | TH:00327 | <i>Name</i> | <i>Starts At</i> |
| TS24 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:18870[tongue] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 170 | | | |
| <i>ID</i> | TH:00312 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS23 | <i>Primary Parents</i> |
| EMAPA:16974[midbrain] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 171 | | | |
| <i>ID</i> | TH:00313 | <i>Name</i> | <i>Starts At</i> |
| TS26 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17528[epidermis] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|----------|-------------|------------------|
| New OBOComponent 172 | | | |
| <i>ID</i> | TH:00310 | <i>Name</i> | <i>Starts At</i> |
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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 172 | | | |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00033[basal ganglia] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 173 | | | |
| ID | TH:00311 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:16974[midbrain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 174 | | | |
| ID | TH:00319 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:17213[skeleton] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 175 | | | |
| ID | TH:00318 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17489[leg] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 176 | | | |
| ID | TH:00317 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17413[arm] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 177 | | | |
| ID | TH:00316 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:17528[epidermis] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 178 | | | |
|------------------------|-------------|------|-----------------|
| ID | TH:00315 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:17528[epidermis] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 179 | | | |
|------------------------|-------------|------|-----------------|
| ID | TH:00314 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:17528[epidermis] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 180 | | | |
|----------------------|-------------|------|-----------------|
| ID | TH:00340 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18870[tongue] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 181 | | | |
|------------------------------|-------------|------|-----------------|
| ID | TH:00341 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:17549[corpus striatum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 182 | | | |
|----------------------|-------------|------|-----------------|
| ID | TH:00342 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| TH:00039[brainstem] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 183 | | | |
|-------------------------------------|----------|------|-----------------|
| ID | TH:00343 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| TH:00294[semicircular duct ampulla] | | | Group Parents |
| | | | Synonyms |
| | | | |

| | | | |
|-----------------------------|--------------------|-----|--------------------|
| New OBOComponent 183 | | | |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-------------------------------|--------------------|-------------|------------------------|
| New OBOComponent 184 | | | |
| <i>ID</i> | TH:00344 | <i>Name</i> | <i>Starts At</i> |
| TS26 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:18772[hair root sheath] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-------------------------------|--------------------|-------------|------------------------|
| New OBOComponent 185 | | | |
| <i>ID</i> | TH:00345 | <i>Name</i> | <i>Starts At</i> |
| TS26 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:18772[hair root sheath] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-------------------------------|--------------------|-------------|------------------------|
| New OBOComponent 186 | | | |
| <i>ID</i> | TH:00346 | <i>Name</i> | <i>Starts At</i> |
| TS26 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17779[olfactory cortex] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 187 | | | |
| <i>ID</i> | TH:00348 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16843[hepatic duct] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 188 | | | |
| <i>ID</i> | TH:00347 | <i>Name</i> | <i>Starts At</i> |
| TS15 | <i>Ends At</i> | TS19 | <i>Primary Parents</i> |
| EMAPA:18425[gland] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 189 | | | |
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| New OBOComponent 189 | | | |
|---------------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00349 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16843[hepatic duct] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 190 | | | |
|-------------------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00330 | <i>Name</i> | <i>Starts At</i> |
| TS15 | <i>Ends At</i> | TS19 | <i>Primary Parents</i> |
| EMAPA:16757[tail neural tube] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 191 | | | |
|-----------------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00331 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS21 | <i>Primary Parents</i> |
| EMAPA:17681[chondrocranium] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 192 | | | |
|----------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00334 | <i>Name</i> | <i>Starts At</i> |
| TS12 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16193[ear] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 193 | | | |
|-------------------------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00335 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17601[pharyngo-tympanic tube] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 194 | | | |
|-----------------------------|----------------|-------------|------------------------|
| <i>ID</i> | TH:00332 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17681[chondrocranium] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |

| New OBOComponent 194 | | | |
|----------------------|--------------------|-----|-----------------|
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 195 | | | |
|-------------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00333 | <i>Name</i> | <i>Starts At</i> |
| TS23 | <i>Ends At</i> | TS23 | <i>Primary Parents</i> |
| EMAPA:18256[anal canal] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 196 | | | |
|----------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00339 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16894[brain] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 197 | | | |
|----------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00338 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00204[jaw] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 198 | | | |
|----------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00337 | <i>Name</i> | <i>Starts At</i> |
| TS24 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00307[face] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 199 | | | |
|----------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00336 | <i>Name</i> | <i>Starts At</i> |
| TS24 | <i>Ends At</i> | TS24 | <i>Primary Parents</i> |
| EMAPA:16198[eye] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 200 | | | |
|----------------------|----------|-------------|------------------|
| <i>ID</i> | TH:00270 | <i>Name</i> | <i>Starts At</i> |
| | | | |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 200 | | | |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16469[nervous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 201 | | | |
| ID | TH:00271 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17778[olfactory lobe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 202 | | | |
| ID | TH:00272 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18948[palate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 203 | | | |
| ID | TH:00273 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18948[palate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 204 | | | |
| ID | TH:00274 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:18815[gut gland] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|--|----------|------|-----------------|
| New OBOComponent 205 | | | |
| ID | TH:00275 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:18221[autonomic ganglion] EMAPA:17270[parasympathetic nervous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
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|-----------------------------|--------------------|-----|-----------------|
| New OBOComponent 205 | | | |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 206 | | | |
| <i>ID</i> | TH:00276 | <i>Name</i> | <i>Starts At</i> |
| TS15 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16665[peripheral nervous system] TH:00269[ganglion] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 207 | | | |
| <i>ID</i> | TH:00277 | <i>Name</i> | <i>Starts At</i> |
| TS23 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16665[peripheral nervous system] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 208 | | | |
| <i>ID</i> | TH:00278 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17751[salivary gland] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 209 | | | |
| <i>ID</i> | TH:00279 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17751[salivary gland] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 210 | | | |
| <i>ID</i> | TH:00282 | <i>Name</i> | <i>Starts At</i> |
| TS17 | <i>Ends At</i> | TS18 | <i>Primary Parents</i> |
| TH:00281[rhombomere] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|----------|-------------|------------------|
| New OBOComponent 211 | | | |
| <i>ID</i> | TH:00283 | <i>Name</i> | <i>Starts At</i> |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 211 | | | |
| TS17 | Ends At | TS18 | Primary Parents |
| TH:00281[rhombomere] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-------------------------------------|-------------|------|-----------------|
| New OBOComponent 212 | | | |
| ID | TH:00280 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16148[future rhombencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 213 | | | |
| ID | TH:00281 | Name | Starts At |
| TS17 | Ends At | TS18 | Primary Parents |
| EMAPA:16916[hindbrain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------------|-------------|------|-----------------|
| New OBOComponent 214 | | | |
| ID | TH:00286 | Name | Starts At |
| TS17 | Ends At | TS18 | Primary Parents |
| TH:00283[rhombomere lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------------|-------------|------|-----------------|
| New OBOComponent 215 | | | |
| ID | TH:00287 | Name | Starts At |
| TS17 | Ends At | TS18 | Primary Parents |
| TH:00283[rhombomere lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 216 | | | |
| ID | TH:00284 | Name | Starts At |
| TS17 | Ends At | TS18 | Primary Parents |
| TH:00281[rhombomere] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 217 | | | |
|-----------------------------------|-------------|------|-----------------|
| ID | TH:00285 | Name | Starts At |
| TS17 | Ends At | TS18 | Primary Parents |
| TH:00283[rhombomere lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 218 | | | |
|---------------------------------|-------------|------|-----------------|
| ID | TH:00288 | Name | Starts At |
| TS15 | Ends At | TS26 | Primary Parents |
| EMAPA:16727[respiratory system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 219 | | | |
|--------------------------------|-------------|------|-----------------|
| ID | TH:00289 | Name | Starts At |
| TS15 | Ends At | TS26 | Primary Parents |
| EMAPA:16737[respiratory tract] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 220 | | | |
|------------------------------|-------------|------|-----------------|
| ID | TH:00291 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| TH:00290[semicircular canal] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 221 | | | |
|------------------------------|-------------|------|-----------------|
| ID | TH:00292 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| TH:00290[semicircular canal] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 222 | | | |
|---|----------|------|-----------------|
| ID | TH:00293 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:17286[inner ear vestibular component] | | | Group Parents |
| | | | Synonyms |
| | | | |

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|-----------------------------|--------------------|-----|--------------------|
| New OBOComponent 222 | | | |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 223 | | | |
| <i>ID</i> | TH:00294 | <i>Name</i> | <i>Starts At</i> |
| TS26 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00293[semicircular duct] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 224 | | | |
| <i>ID</i> | TH:00290 | <i>Name</i> | <i>Starts At</i> |
| TS19 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16194[inner ear] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|------------------------------|--------------------|-------------|------------------------|
| New OBOComponent 225 | | | |
| <i>ID</i> | TH:00299 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS22 | <i>Primary Parents</i> |
| EMAPA:17544[cerebral cortex] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 226 | | | |
| <i>ID</i> | TH:00295 | <i>Name</i> | <i>Starts At</i> |
| TS25 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00230[intestine] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 227 | | | |
| <i>ID</i> | TH:00296 | <i>Name</i> | <i>Starts At</i> |
| TS24 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:18889[stomach] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 228 | | | |
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| New OBOComponent 228 | | | |
|----------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00297 | <i>Name</i> | <i>Starts At</i> |
| TS24 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:18889[stomach] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 229 | | | |
|----------------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00298 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16910[telencephalon] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 230 | | | |
|---------------------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00261 | <i>Name</i> | <i>Starts At</i> |
| TS14 | <i>Ends At</i> | TS22 | <i>Primary Parents</i> |
| EMAPA:31109[dermomyotome group] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 231 | | | |
|----------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00260 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00204[jaw] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 232 | | | |
|---------------------------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00263 | <i>Name</i> | <i>Starts At</i> |
| TS14 | <i>Ends At</i> | TS19 | <i>Primary Parents</i> |
| EMAPA:29695[trunk dermomyotome group] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 233 | | | |
|---------------------------------|----------------|-------------|------------------------|
| <i>ID</i> | TH:00262 | <i>Name</i> | <i>Starts At</i> |
| TS14 | <i>Ends At</i> | TS22 | <i>Primary Parents</i> |
| EMAPA:31109[dermomyotome group] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |

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| New OBOComponent 233 | | | |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|------------------------------|--------------------|-------------|------------------------|
| New OBOComponent 234 | | | |
| <i>ID</i> | TH:00265 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17544[cerebral cortex] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|---------------------------------------|--------------------|-------------|------------------------|
| New OBOComponent 235 | | | |
| <i>ID</i> | TH:00264 | <i>Name</i> | <i>Starts At</i> |
| TS14 | <i>Ends At</i> | TS19 | <i>Primary Parents</i> |
| EMAPA:29695[trunk dermomyotome group] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|--|--------------------|-------------|------------------------|
| New OBOComponent 236 | | | |
| <i>ID</i> | TH:00267 | <i>Name</i> | <i>Starts At</i> |
| TS18 | <i>Ends At</i> | TS19 | <i>Primary Parents</i> |
| EMAPA:17083[myelencephalon lateral wall] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 237 | | | |
| <i>ID</i> | TH:00266 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16910[telencephalon] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 238 | | | |
| <i>ID</i> | TH:00269 | <i>Name</i> | <i>Starts At</i> |
| TS15 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16469[nervous system] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|----------|-------------|------------------|
| New OBOComponent 239 | | | |
| <i>ID</i> | TH:00268 | <i>Name</i> | <i>Starts At</i> |
| | | | |

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|-------------------------------------|-------------|------|-----------------|
| New OBOComponent 239 | | | |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:26922[enteric nervous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|---|-------------|------|-----------------|
| New OBOComponent 240 | | | |
| ID | TH:00250 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17552[medulla oblongata lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|---|-------------|------|-----------------|
| New OBOComponent 241 | | | |
| ID | TH:00254 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| TH:00138[forelimb digit cartilage condensation] TH:00133[forelimb digit] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|---|-------------|------|-----------------|
| New OBOComponent 242 | | | |
| ID | TH:00253 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| TH:00137[forelimb digit pre-cartilage condensation] TH:00133[forelimb digit] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|---|-------------|------|-----------------|
| New OBOComponent 243 | | | |
| ID | TH:00252 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17552[medulla oblongata lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|---|----------|------|-----------------|
| New OBOComponent 244 | | | |
| ID | TH:00251 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17552[medulla oblongata lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |

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|-----------------------------|--------------------|-----|-----------------|
| New OBOComponent 244 | | | |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 245 | | | |
| <i>ID</i> | TH:00258 | <i>Name</i> | <i>Starts At</i> |
| TS14 | <i>Ends At</i> | TS16 | <i>Primary Parents</i> |
| EMAPA:16471[future brain] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 246 | | | |
| <i>ID</i> | TH:00257 | <i>Name</i> | <i>Starts At</i> |
| TS12 | <i>Ends At</i> | TS13 | <i>Primary Parents</i> |
| EMAPA:16089[future brain] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|---|--------------------|-------------|------------------------|
| New OBOComponent 247 | | | |
| <i>ID</i> | TH:00256 | <i>Name</i> | <i>Starts At</i> |
| TS18 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17072[metencephalon lateral wall] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|------------------------------------|--------------------|-------------|------------------------|
| New OBOComponent 248 | | | |
| <i>ID</i> | TH:00255 | <i>Name</i> | <i>Starts At</i> |
| TS12 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16088[intraembryonic coelom] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 249 | | | |
| <i>ID</i> | TH:00259 | <i>Name</i> | <i>Starts At</i> |
| TS17 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16894[brain] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|----------|-------------|------------------|
| New OBOComponent 250 | | | |
| <i>ID</i> | TH:00245 | <i>Name</i> | <i>Starts At</i> |
| | | | |

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|--------------------------------------|-------------|------|-----------------|
| New OBOComponent 250 | | | |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00242[upper jaw tooth epithelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|--------------------------------------|-------------|------|-----------------|
| New OBOComponent 251 | | | |
| ID | TH:00244 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00242[upper jaw tooth epithelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 252 | | | |
| ID | TH:00247 | Name | Starts At |
| TS15 | Ends At | TS26 | Primary Parents |
| EMAPA:16728[lung] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| | | | |
|--------------------------------------|-------------|------|-----------------|
| New OBOComponent 253 | | | |
| ID | TH:00246 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00243[upper jaw tooth mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 254 | | | |
| ID | TH:00241 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17924[upper jaw] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| | | | |
|--------------------------------------|-------------|------|-----------------|
| New OBOComponent 255 | | | |
| ID | TH:00240 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00237[lower jaw tooth mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 256 | | | |
|------------------------------|-------------|------|-----------------|
| ID | TH:00243 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17938[upper jaw tooth] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 257 | | | |
|------------------------------|-------------|------|-----------------|
| ID | TH:00242 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17938[upper jaw tooth] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 258 | | | |
|----------------------|-------------|------|-----------------|
| ID | TH:00248 | Name | Starts At |
| TS15 | Ends At | TS26 | Primary Parents |
| EMAPA:16728[lung] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 259 | | | |
|----------------------|-------------|------|-----------------|
| ID | TH:00249 | Name | Starts At |
| TS15 | Ends At | TS26 | Primary Parents |
| EMAPA:16728[lung] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 260 | | | |
|------------------------------|-------------|------|-----------------|
| ID | TH:00236 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17917[lower jaw tooth] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 261 | | | |
|----------------------|----------|------|-----------------|
| ID | TH:00235 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:19051[tectum] | | | Group Parents |
| | | | Synonyms |
| | | | |

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|-----------------------------|--------------------|-----|--------------------|
| New OBOComponent 261 | | | |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 262 | | | |
| <i>ID</i> | TH:00234 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:19051[tectum] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 263 | | | |
| <i>ID</i> | TH:00233 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17838[lens] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 264 | | | |
| <i>ID</i> | TH:00232 | <i>Name</i> | <i>Starts At</i> |
| TS18 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00230[intestine] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 265 | | | |
| <i>ID</i> | TH:00231 | <i>Name</i> | <i>Starts At</i> |
| TS18 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00230[intestine] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 266 | | | |
| <i>ID</i> | TH:00230 | <i>Name</i> | <i>Starts At</i> |
| TS18 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16247[gut] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 267 | | | |
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| New OBOComponent 267 | | | |
|--------------------------------------|-------------|------|-----------------|
| ID | TH:00239 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00236[lower jaw tooth epithelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 268 | | | |
|------------------------------|-------------|------|-----------------|
| ID | TH:00237 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17917[lower jaw tooth] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 269 | | | |
|--------------------------------------|-------------|------|-----------------|
| ID | TH:00238 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00236[lower jaw tooth epithelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 270 | | | |
|----------------------|-------------|------|-----------------|
| ID | TH:00220 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00219[molar] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 271 | | | |
|----------------------------|-------------|------|-----------------|
| ID | TH:00221 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00220[molar epithelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 272 | | | |
|----------------------------|----------|------|-----------------|
| ID | TH:00222 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00220[molar epithelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |

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|-----------------------------|--------------------|-----|-----------------|
| New OBOComponent 272 | | | |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 273 | | | |
| <i>ID</i> | TH:00223 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00219[molar] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 274 | | | |
| <i>ID</i> | TH:00224 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00223[molar mesenchyme] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 275 | | | |
| <i>ID</i> | TH:00225 | <i>Name</i> | <i>Starts At</i> |
| TS12 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16194[inner ear] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|---|--------------------|-------------|------------------------|
| New OBOComponent 276 | | | |
| <i>ID</i> | TH:00227 | <i>Name</i> | <i>Starts At</i> |
| TS19 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17286[inner ear vestibular component] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 277 | | | |
| <i>ID</i> | TH:00226 | <i>Name</i> | <i>Starts At</i> |
| TS12 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16194[inner ear] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|----------|-------------|------------------|
| New OBOComponent 278 | | | |
| <i>ID</i> | TH:00229 | <i>Name</i> | <i>Starts At</i> |
| | | | |

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|--------------------------------|-------------|------|-----------------|
| New OBOComponent 278 | | | |
| TS12 | Ends At | TS26 | Primary Parents |
| EMAPA:16246[alimentary system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|---|-------------|------|-----------------|
| New OBOComponent 279 | | | |
| ID | TH:00228 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17286[inner ear vestibular component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 280 | | | |
| ID | TH:00210 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00208[tooth epithelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-------------------------------|-------------|------|-----------------|
| New OBOComponent 281 | | | |
| ID | TH:00213 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00204[jaw] TH:00207[tooth] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 282 | | | |
| ID | TH:00214 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00213[incisor] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| | | | |
|-----------------------------|-------------|------|-----------------|
| New OBOComponent 283 | | | |
| ID | TH:00211 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00207[tooth] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 284 | | | |
|----------------------------|-------------|------|-----------------|
| ID | TH:00212 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00211[tooth mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 285 | | | |
|------------------------------|-------------|------|-----------------|
| ID | TH:00218 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00217[incisor mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 286 | | | |
|----------------------|-------------|------|-----------------|
| ID | TH:00217 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00213[incisor] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 287 | | | |
|------------------------------|-------------|------|-----------------|
| ID | TH:00216 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00214[incisor epithelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 288 | | | |
|------------------------------|-------------|------|-----------------|
| ID | TH:00215 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00214[incisor epithelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 289 | | | |
|-------------------------------|----------|------|-----------------|
| ID | TH:00219 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00207[tooth] TH:00204[jaw] | | | Group Parents |
| | | | Synonyms |
| | | | |

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|-----------------------------|--------------------|-----|--------------------|
| New OBOComponent 289 | | | |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|----------------------------------|--------------------|-------------|------------------------|
| New OBOComponent 290 | | | |
| <i>ID</i> | TH:00200 | <i>Name</i> | <i>Starts At</i> |
| TS17 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00195[hindbrain lateral wall] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 291 | | | |
| <i>ID</i> | TH:00201 | <i>Name</i> | <i>Starts At</i> |
| TS17 | <i>Ends At</i> | TS19 | <i>Primary Parents</i> |
| EMAPA:16916[hindbrain] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 292 | | | |
| <i>ID</i> | TH:00202 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16916[hindbrain] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 293 | | | |
| <i>ID</i> | TH:00203 | <i>Name</i> | <i>Starts At</i> |
| TS19 | <i>Ends At</i> | TS20 | <i>Primary Parents</i> |
| EMAPA:16262[oral region] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 294 | | | |
| <i>ID</i> | TH:00209 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00208[tooth epithelium] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 295 | | | |
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| New OBOComponent 295 | | | |
|----------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00208 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00207[tooth] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 296 | | | |
|----------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00205 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00204[jaw] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 297 | | | |
|--------------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00204 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16262[oral region] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 298 | | | |
|----------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00207 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00204[jaw] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 299 | | | |
|----------------------|--------------------|-------------|------------------------|
| <i>ID</i> | TH:00206 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00204[jaw] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

| New OBOComponent 300 | | | |
|----------------------|----------------|-------------|------------------------|
| <i>ID</i> | TH:00191 | <i>Name</i> | <i>Starts At</i> |
| TS12 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16247[gut] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |

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| New OBOComponent 300 | | | |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 301 | | | |
| <i>ID</i> | TH:00190 | <i>Name</i> | <i>Starts At</i> |
| TS12 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16247[gut] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 302 | | | |
| <i>ID</i> | TH:00193 | <i>Name</i> | <i>Starts At</i> |
| TS13 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00192[gut mesentery] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 303 | | | |
| <i>ID</i> | TH:00192 | <i>Name</i> | <i>Starts At</i> |
| TS13 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16247[gut] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 304 | | | |
| <i>ID</i> | TH:00195 | <i>Name</i> | <i>Starts At</i> |
| TS17 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16916[hindbrain] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 305 | | | |
| <i>ID</i> | TH:00194 | <i>Name</i> | <i>Starts At</i> |
| TS17 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16916[hindbrain] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 306 | | | |
| <i>ID</i> | TH:00197 | <i>Name</i> | <i>Starts At</i> |
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|----------------------------------|-------------|------|-----------------|
| New OBOComponent 306 | | | |
| TS18 | Ends At | TS26 | Primary Parents |
| TH:00195[hindbrain lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|----------------------------------|-------------|------|-----------------|
| New OBOComponent 307 | | | |
| ID | TH:00196 | Name | Starts At |
| TS18 | Ends At | TS26 | Primary Parents |
| TH:00195[hindbrain lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|----------------------------------|-------------|------|-----------------|
| New OBOComponent 308 | | | |
| ID | TH:00199 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| TH:00195[hindbrain lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|----------------------------------|-------------|------|-----------------|
| New OBOComponent 309 | | | |
| ID | TH:00198 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| TH:00195[hindbrain lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------------|-------------|------|-----------------|
| New OBOComponent 310 | | | |
| ID | TH:00178 | Name | Starts At |
| TS20 | Ends At | TS20 | Primary Parents |
| EMAPA:16681[fronto-nasal process] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-------------------------------|-------------|------|-----------------|
| New OBOComponent 311 | | | |
| ID | TH:00179 | Name | Starts At |
| TS15 | Ends At | TS16 | Primary Parents |
| EMAPA:16640[future forebrain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 312 | | | |
|------------------------|-------------|------|-----------------|
| ID | TH:00174 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16895[forebrain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 313 | | | |
|------------------------|-------------|------|-----------------|
| ID | TH:00175 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16895[forebrain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 314 | | | |
|----------------------|-------------|------|-----------------|
| ID | TH:00176 | Name | Starts At |
| TS14 | Ends At | TS23 | Primary Parents |
| EMAPA:16548[foregut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 315 | | | |
|----------------------|-------------|------|-----------------|
| ID | TH:00177 | Name | Starts At |
| TS14 | Ends At | TS23 | Primary Parents |
| EMAPA:16548[foregut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 316 | | | |
|-----------------------|-------------|------|-----------------|
| ID | TH:00170 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18816[pancreas] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 317 | | | |
|-----------------------|----------|------|-----------------|
| ID | TH:00171 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17503[pancreas] | | | Group Parents |
| | | | Synonyms |
| | | | |

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| New OBOComponent 317 | | | |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 318 | | | |
| <i>ID</i> | TH:00172 | <i>Name</i> | <i>Starts At</i> |
| TS24 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:18816[pancreas] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 319 | | | |
| <i>ID</i> | TH:00173 | <i>Name</i> | <i>Starts At</i> |
| TS26 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00172[pancreas parenchyma] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 320 | | | |
| <i>ID</i> | TH:00189 | <i>Name</i> | <i>Starts At</i> |
| TS14 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16247[gut] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 321 | | | |
| <i>ID</i> | TH:00187 | <i>Name</i> | <i>Starts At</i> |
| TS14 | <i>Ends At</i> | TS16 | <i>Primary Parents</i> |
| TH:00183[rhombomere] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 322 | | | |
| <i>ID</i> | TH:00188 | <i>Name</i> | <i>Starts At</i> |
| TS12 | <i>Ends At</i> | TS13 | <i>Primary Parents</i> |
| EMAPA:16247[gut] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 323 | | | |
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| New OBOComponent 323 | | | |
|----------------------|-------------|------|-----------------|
| ID | TH:00185 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| TH:00183[rhombomere] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 324 | | | |
|-----------------------------------|-------------|------|-----------------|
| ID | TH:00186 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| TH:00185[rhombomere lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 325 | | | |
|-------------------------------------|-------------|------|-----------------|
| ID | TH:00183 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16478[future rhombencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 326 | | | |
|----------------------|-------------|------|-----------------|
| ID | TH:00184 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| TH:00183[rhombomere] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 327 | | | |
|-------------------------------|-------------|------|-----------------|
| ID | TH:00181 | Name | Starts At |
| TS15 | Ends At | TS16 | Primary Parents |
| EMAPA:16640[future forebrain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

| New OBOComponent 328 | | | |
|-------------------------------------|----------|------|-----------------|
| ID | TH:00182 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16148[future rhombencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |

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|-----------------------------|--------------------|-----|-----------------|
| New OBOComponent 328 | | | |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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| New OBOComponent 329 | | | |
| <i>ID</i> | TH:00180 | <i>Name</i> | <i>Starts At</i> |
| TS15 | <i>Ends At</i> | TS16 | <i>Primary Parents</i> |
| EMAPA:16640[future forebrain] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-------------------------------------|--------------------|-------------|------------------------|
| New OBOComponent 330 | | | |
| <i>ID</i> | TH:00152 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS21 | <i>Primary Parents</i> |
| TH:00151[hindlimb digit mesenchyme] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-------------------------------------|--------------------|-------------|------------------------|
| New OBOComponent 331 | | | |
| <i>ID</i> | TH:00153 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS22 | <i>Primary Parents</i> |
| TH:00151[hindlimb digit mesenchyme] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 332 | | | |
| <i>ID</i> | TH:00154 | <i>Name</i> | <i>Starts At</i> |
| TS24 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00149[hindlimb digit] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 333 | | | |
| <i>ID</i> | TH:00155 | <i>Name</i> | <i>Starts At</i> |
| TS23 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00149[hindlimb digit] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|----------|-------------|------------------|
| New OBOComponent 334 | | | |
| <i>ID</i> | TH:00156 | <i>Name</i> | <i>Starts At</i> |
| | | | |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 334 | | | |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00149[hindlimb digit] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-------------------------------|-------------|------|-----------------|
| New OBOComponent 335 | | | |
| ID | TH:00157 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00156[hindlimb digit skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-------------------------------|-------------|------|-----------------|
| New OBOComponent 336 | | | |
| ID | TH:00158 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00156[hindlimb digit skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 337 | | | |
| ID | TH:00159 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17459[footplate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 338 | | | |
| ID | TH:00150 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| TH:00149[hindlimb digit] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|-----------------------------|-------------|------|-----------------|
| New OBOComponent 339 | | | |
| ID | TH:00151 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| TH:00149[hindlimb digit] | | | Group Parents |
| | | | Synonyms |
| [] | | | Rule Status |
| PASSED | Edit Status | NEW | Comments |

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|---|--------------------|-------------|------------------------|
| New OBOComponent 340 | | | |
| <i>ID</i> | TH:00165 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS22 | <i>Primary Parents</i> |
| TH:00153[hindlimb digit cartilage condensation] TH:00149[hindlimb digit] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 341 | | | |
| <i>ID</i> | TH:00166 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17459[footplate] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|---|--------------------|-------------|------------------------|
| New OBOComponent 342 | | | |
| <i>ID</i> | TH:00163 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS21 | <i>Primary Parents</i> |
| TH:00149[hindlimb digit] TH:00152[hindlimb digit precartilage condensation] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|--|--------------------|-------------|------------------------|
| New OBOComponent 343 | | | |
| <i>ID</i> | TH:00164 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS22 | <i>Primary Parents</i> |
| TH:00149[hindlimb digit] TH:00153[hindlimb digit cartilage condensation] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|--------------------|-------------|------------------------|
| New OBOComponent 344 | | | |
| <i>ID</i> | TH:00169 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS23 | <i>Primary Parents</i> |
| EMAPA:17503[pancreas] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|-----------------------------|----------------|-------------|------------------------|
| New OBOComponent 345 | | | |
| <i>ID</i> | TH:00167 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS23 | <i>Primary Parents</i> |
| | | | |

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|---|--------------------|-----|----------------------|
| New OBOComponent 345 | | | |
| TH:00169[pancreatic duct] EMAPA:17503[pancreas] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|---|--------------------|-------------|------------------------|
| New OBOComponent 346 | | | |
| <i>ID</i> | TH:00168 | <i>Name</i> | <i>Starts At</i> |
| TS24 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:18816[pancreas] TH:00170[pancreatic duct] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|--|--------------------|-------------|------------------------|
| New OBOComponent 347 | | | |
| <i>ID</i> | TH:00161 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00159[hindlimb interdigital region] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|---|--------------------|-------------|------------------------|
| New OBOComponent 348 | | | |
| <i>ID</i> | TH:00162 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS21 | <i>Primary Parents</i> |
| TH:00149[hindlimb digit] TH:00152[hindlimb digit precartilage condensation] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

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|--|--------------------|-------------|------------------------|
| New OBOComponent 349 | | | |
| <i>ID</i> | TH:00160 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS21 | <i>Primary Parents</i> |
| TH:00159[hindlimb interdigital region] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Rule Status</i> |
| PASSED | <i>Edit Status</i> | NEW | <i>Comments</i> |

MODIFIED COMPONENTS

Total Modified Components: 2424

1. EMAPA:16369 - presumptive nephric duct
2. EMAPA:16384 - mandibular component endoderm
3. EMAPA:16383 - mandibular component ectoderm
4. EMAPA:16389 - maxillary component ectoderm
5. EMAPA:29925 - adventitia of uterus
6. EMAPA:16347 - outflow tract cardiac jelly
7. EMAPA:31296 - resident macrophages of the cortex
8. EMAPA:16348 - outflow tract endocardial tube
9. EMAPA:17479 - interdigital region between hindlimb digits 2 and 3
10. EMAPA:16349 - outflow tract mesenchyme
11. EMAPA:17488 - footplate mesenchyme
12. EMAPA:16353 - primitive ventricle cardiac muscle
13. EMAPA:17486 - interdigital region between hindlimb digits 4 and 5 epithelium
14. EMAPA:16356 - common cardinal vein
15. EMAPA:17487 - interdigital region between hindlimb digits 4 and 5 mesenchyme
16. EMAPA:16355 - anterior cardinal vein
17. EMAPA:17484 - interdigital region between hindlimb digits 3 and 4 mesenchyme
18. EMAPA:16350 - primitive ventricle
19. EMAPA:17485 - interdigital region between hindlimb digits 4 and 5
20. EMAPA:17482 - interdigital region between hindlimb digits 3 and 4
21. EMAPA:16352 - primitive ventricle endocardial tube
22. EMAPA:17483 - interdigital region between hindlimb digits 3 and 4 epithelium
23. EMAPA:16351 - primitive ventricle cardiac jelly
24. EMAPA:27684 - upper limb of comma-shaped body
25. EMAPA:17480 - interdigital region between hindlimb digits 2 and 3 epithelium
26. EMAPA:17481 - interdigital region between hindlimb digits 2 and 3 mesenchyme
27. EMAPA:27687 - lower limb of comma-shaped body
28. EMAPA:16357 - posterior cardinal vein
29. EMAPA:17497 - lower leg epithelium
30. EMAPA:16367 - genitourinary system
31. EMAPA:17498 - lower leg mesenchyme
32. EMAPA:16366 - foregut-midgut junction dorsal mesentery
33. EMAPA:17499 - upper leg
34. EMAPA:16365 - foregut-midgut junction mesentery
35. EMAPA:16364 - foregut-midgut junction associated mesenchyme
36. EMAPA:17494 - knee epithelium
37. EMAPA:16362 - thyroid primordium associated mesenchyme
38. EMAPA:17495 - knee mesenchyme
39. EMAPA:17496 - lower leg
40. EMAPA:16360 - foregut diverticulum gland
41. EMAPA:27697 - ureteric trunk
42. EMAPA:17491 - hip epithelium
43. EMAPA:27694 - ureteric tip
44. EMAPA:17492 - hip mesenchyme
45. EMAPA:16325 - optic pit
46. EMAPA:16324 - optic eminence mesenchyme
47. EMAPA:31273 - resident macrophages
48. EMAPA:16327 - common dorsal aorta
49. EMAPA:16326 - optic pit neural ectoderm
50. EMAPA:16329 - left internal carotid artery
51. EMAPA:29161 - degenerating mesonephric portion of male paramesonephric duct
52. EMAPA:16330 - right internal carotid artery
53. EMAPA:31281 - anlage of loop of Henle
54. EMAPA:16334 - bulbus cordis caudal half
55. EMAPA:16338 - bulbus cordis rostral half
56. EMAPA:16337 - bulbus cordis caudal half cardiac muscle
57. EMAPA:16336 - bulbus cordis caudal half endocardial tube
58. EMAPA:16335 - bulbus cordis caudal half cardiac jelly
59. EMAPA:16339 - bulbus cordis rostral half cardiac jelly
60. EMAPA:16340 - bulbus cordis rostral half endocardial tube
61. EMAPA:16341 - bulbus cordis rostral half cardiac muscle
62. EMAPA:16344 - common atrial chamber endocardial tube
63. EMAPA:16345 - common atrial chamber cardiac muscle
64. EMAPA:16343 - common atrial chamber cardiac jelly
65. EMAPA:16307 - rhombomere 05 neural fold
66. EMAPA:16306 - rhombomere 05 floor plate
67. EMAPA:16309 - rhombomere 01 neural crest
68. EMAPA:16308 - rhombomere 05 neural crest
69. EMAPA:16303 - rhombomere 04 neural fold
70. EMAPA:16302 - rhombomere 04 floor plate
71. EMAPA:16305 - rhombomere 05
72. EMAPA:16304 - rhombomere 04 neural crest
73. EMAPA:16310 - future spinal cord neural luminal occlusion
74. EMAPA:16319 - septum transversum hepatic component
75. EMAPA:16317 - somite 13
76. EMAPA:16316 - somite 12
77. EMAPA:16315 - somite 11
78. EMAPA:16314 - somite 10
79. EMAPA:16313 - somite 09
80. EMAPA:31270 - nephrogenic interstitium

81. EMAPA:16323 - optic eminence ectoderm
82. EMAPA:16320 - septum transversum non-hepatic component
83. EMAPA:16321 - trunk mesenchyme derived from neural crest
84. EMAPA:28077 - pelvic urothelial lining
85. EMAPA:28075 - developing capillary of medulla
86. EMAPA:17420 - radius-ulna pre-cartilage condensation
87. EMAPA:17422 - shoulder epithelium
88. EMAPA:17423 - shoulder mesenchyme
89. EMAPA:28073 - developing venous vasculature of medulla
90. EMAPA:28071 - developng arterial vasculature of medulla
91. EMAPA:17416 - elbow mesenchyme
92. EMAPA:17415 - elbow epithelium
93. EMAPA:17418 - forearm epithelium
94. EMAPA:17419 - forearm mesenchyme
95. EMAPA:17430 - forelimb digit 1 epithelium
96. EMAPA:28089 - urothelium of ureter
97. EMAPA:17433 - forelimb digit 2 epithelium
98. EMAPA:28850 - ureteral smooth muscle layer interstitium
99. EMAPA:17434 - forelimb digit 2 mesenchyme
100. EMAPA:17431 - forelimb digit 1 mesenchyme
101. EMAPA:17432 - forelimb digit 2
102. EMAPA:17427 - humerus pre-cartilage condensation
103. EMAPA:17426 - upper arm mesenchyme
104. EMAPA:17425 - upper arm epithelium
105. EMAPA:28847 - ureteral smooth muscle layer smooth muscle component
106. EMAPA:17429 - forelimb digit 1
107. EMAPA:17428 - handplate
108. EMAPA:17407 - somite 48
109. EMAPA:17403 - somite 47
110. EMAPA:17461 - hindlimb digit 1 epithelium
111. EMAPA:17460 - hindlimb digit 1
112. EMAPA:17463 - hindlimb digit 2
113. EMAPA:17462 - hindlimb digit 1 mesenchyme
114. EMAPA:17465 - hindlimb digit 2 mesenchyme
115. EMAPA:28037 - developing venous vasculature of cortex
116. EMAPA:17464 - hindlimb digit 2 epithelium
117. EMAPA:17467 - hindlimb digit 3 epithelium
118. EMAPA:28035 - developing arterial vasculature of cortex
119. EMAPA:17466 - hindlimb digit 3
120. EMAPA:28811 - ureteral smooth muscle layer
121. EMAPA:17457 - handplate mesenchyme
122. EMAPA:17459 - footplate
123. EMAPA:28814 - ureteral smooth muscle layer smooth muscle component
124. EMAPA:19003 - right lung accessory lobe alveolar system
125. EMAPA:19002 - right lung accessory lobe bronchiole
126. EMAPA:19001 - left lung alveolar system
127. EMAPA:19000 - left lung bronchiole
128. EMAPA:19007 - right lung cranial lobe alveolar system
129. EMAPA:19006 - right lung cranial lobe bronchiole
130. EMAPA:19005 - right lung caudal lobe alveolar system
131. EMAPA:19004 - right lung caudal lobe bronchiole
132. EMAPA:19008 - right lung middle lobe bronchiole
133. EMAPA:19009 - right lung middle lobe alveolar system
134. EMAPA:17470 - hindlimb digit 4 epithelium
135. EMAPA:17474 - hindlimb digit 5 mesenchyme
136. EMAPA:17473 - hindlimb digit 5 epithelium
137. EMAPA:17472 - hindlimb digit 5
138. EMAPA:17471 - hindlimb digit 4 mesenchyme
139. EMAPA:17478 - interdigital region between hindlimb digits 1 and 2 mesenchyme
140. EMAPA:17477 - interdigital region between hindlimb digits 1 and 2 epithelium
141. EMAPA:28049 - immature loop of Henle
142. EMAPA:17476 - interdigital region between hindlimb digits 1 and 2
143. EMAPA:17475 - footplate rest of epithelium
144. EMAPA:28039 - developing capillary of cortex
145. EMAPA:17468 - hindlimb digit 3 mesenchyme
146. EMAPA:17469 - hindlimb digit 4
147. EMAPA:19010 - cruciate ligament
148. EMAPA:19012 - hypoglossal canal
149. EMAPA:19017 - inter-parietal bone
150. EMAPA:16390 - maxillary component endoderm
151. EMAPA:28841 - lamina propria of ureter
152. EMAPA:17443 - forelimb digit 5 mesenchyme
153. EMAPA:17442 - forelimb digit 5 epithelium
154. EMAPA:17445 - interdigital region between forelimb digits 1 and 2
155. EMAPA:16397 - 2nd branchial groove ectoderm
156. EMAPA:17444 - handplate rest of epithelium
157. EMAPA:16398 - 2nd branchial membrane ectoderm
158. EMAPA:16395 - maxillary-mandibular groove ectoderm
159. EMAPA:17441 - forelimb digit 5
160. EMAPA:17440 - forelimb digit 4 mesenchyme
161. EMAPA:17439 - forelimb digit 4 epithelium
162. EMAPA:17435 - forelimb digit 3
163. EMAPA:17436 - forelimb digit 3 epithelium
164. EMAPA:17437 - forelimb digit 3 mesenchyme

165. EMAPA:17438 - forelimb digit 4
166. EMAPA:17456 - interdigital region between forelimb digits 4 and 5 mesenchyme
167. EMAPA:17455 - interdigital region between forelimb digits 4 and 5 epithelium
168. EMAPA:17454 - interdigital region between forelimb digits 4 and 5
169. EMAPA:17453 - interdigital region between forelimb digits 3 and 4 mesenchyme
170. EMAPA:17452 - interdigital region between forelimb digits 3 and 4 epithelium
171. EMAPA:17451 - interdigital region between forelimb digits 3 and 4
172. EMAPA:17450 - interdigital region between forelimb digits 2 and 3 mesenchyme
173. EMAPA:17448 - interdigital region between forelimb digits 2 and 3
174. EMAPA:17449 - interdigital region between forelimb digits 2 and 3 epithelium
175. EMAPA:17446 - interdigital region between forelimb digits 1 and 2 epithelium
176. EMAPA:17447 - interdigital region between forelimb digits 1 and 2 mesenchyme
177. EMAPA:18476 - forelimb digit 1 phalanx
178. EMAPA:18477 - forelimb digit 2 metacarpus
179. EMAPA:18478 - forelimb digit 2 phalanx
180. EMAPA:18479 - forelimb digit 3 metacarpus
181. EMAPA:18475 - forelimb digit 1 metacarpus
182. EMAPA:18489 - palmar pads
183. EMAPA:18487 - handplate dermis
184. EMAPA:18488 - handplate epidermis
185. EMAPA:18486 - handplate skin
186. EMAPA:18483 - forelimb digit 5 metacarpus
187. EMAPA:18484 - forelimb digit 5 phalanx
188. EMAPA:18481 - forelimb digit 4 metacarpus
189. EMAPA:18482 - forelimb digit 4 phalanx
190. EMAPA:18480 - forelimb digit 3 phalanx
191. EMAPA:18450 - pericardial cavity parietal mesothelium
192. EMAPA:18451 - pericardial cavity visceral mesothelium
193. EMAPA:18454 - greater sac cavity
194. EMAPA:18455 - greater sac mesothelium
195. EMAPA:18456 - greater sac parietal mesothelium
196. EMAPA:18457 - greater sac visceral mesothelium
197. EMAPA:18448 - pericardial cavity
198. EMAPA:18447 - pericardial component
199. EMAPA:18449 - pericardial cavity mesothelium
200. EMAPA:18463 - pleural cavity mesothelium
201. EMAPA:18464 - pleural cavity parietal mesothelium
202. EMAPA:18461 - omental bursa cavity
203. EMAPA:18462 - pleural component
204. EMAPA:18465 - pleural cavity visceral mesothelium
205. EMAPA:18460 - omental bursa parietal mesothelium
206. EMAPA:18459 - omental bursa mesothelium
207. EMAPA:18458 - omental bursa
208. EMAPA:26535 - odontoid process
209. EMAPA:18491 - hindlimb digit 1 phalanx
210. EMAPA:18490 - hindlimb digit 1 metatarsus
211. EMAPA:18493 - hindlimb digit 2 phalanx
212. EMAPA:18492 - hindlimb digit 2 metatarsus
213. EMAPA:18495 - hindlimb digit 3 phalanx
214. EMAPA:18494 - hindlimb digit 3 metatarsus
215. EMAPA:18497 - hindlimb digit 4 phalanx
216. EMAPA:18496 - hindlimb digit 4 metatarsus
217. EMAPA:18499 - hindlimb digit 5 phalanx
218. EMAPA:18498 - hindlimb digit 5 metatarsus
219. EMAPA:16301 - rhombomere 04
220. EMAPA:16300 - rhombomere 03 neural crest
221. EMAPA:27625 - ureteric tip
222. EMAPA:27627 - ureteric stalk
223. EMAPA:27621 - cap mesenchyme
224. EMAPA:31367 - resident macrophage of the perihilar interstitium
225. EMAPA:27617 - rostral parametanephric mesenchyme
226. EMAPA:18400 - rest of foregut lumen
227. EMAPA:18401 - oesophageal region lumen
228. EMAPA:27615 - parametanephric mesenchyme
229. EMAPA:18402 - pharyngeal region lumen
230. EMAPA:27619 - caudal paramesonephric mesenchyme
231. EMAPA:27605 - ureteric tip
232. EMAPA:27608 - ureteric trunk
233. EMAPA:29067 - follicle cell of primary follicle
234. EMAPA:31333 - resident macrophages of the medulla
235. EMAPA:18429 - diaphragm mesothelium
236. EMAPA:18427 - adrenal cortex
237. EMAPA:18428 - adrenal medulla
238. EMAPA:18425 - gland
239. EMAPA:27671 - nephrogenic interstitium
240. EMAPA:18435 - knee rest of mesenchyme
241. EMAPA:18434 - hip rest of mesenchyme
242. EMAPA:18433 - upper arm rest of mesenchyme
243. EMAPA:18432 - shoulder rest of mesenchyme
244. EMAPA:18431 - forearm rest of mesenchyme
245. EMAPA:27665 - paramesonephric duct
246. EMAPA:18430 - elbow rest of mesenchyme
247. EMAPA:18436 - lower leg rest of mesenchyme
248. EMAPA:18437 - upper leg rest of mesenchyme

249. EMAPA:18438 - cervical ganglion
250. EMAPA:18439 - inferior cervical ganglion
251. EMAPA:18444 - vomeronasal organ epithelium
252. EMAPA:18443 - nasal septum mesenchyme
253. EMAPA:18446 - otic pit lumen
254. EMAPA:18445 - vomeronasal organ mesenchyme
255. EMAPA:27657 - posterior gonadal mesenchyme
256. EMAPA:18440 - middle cervical ganglion
257. EMAPA:18442 - nasal septum epithelium
258. EMAPA:18441 - superior cervical ganglion
259. EMAPA:18405 - physiological umbilical hernia dermis
260. EMAPA:18406 - physiological umbilical hernia epidermis
261. EMAPA:18403 - foregut-midgut junction endoderm
262. EMAPA:18409 - carina trachea epithelium
263. EMAPA:27653 - anterior gonadal mesenchyme
264. EMAPA:18408 - carina trachea associated mesenchyme
265. EMAPA:18413 - physiological umbilical hernia epidermis
266. EMAPA:18412 - physiological umbilical hernia dermis
267. EMAPA:18410 - carina tracheae vascular element
268. EMAPA:18414 - greater sac visceral mesothelium
269. EMAPA:18416 - inferior vena cava
270. EMAPA:18417 - superior vena cava
271. EMAPA:18418 - left superior vena cava
272. EMAPA:27642 - cloaca associated mesenchyme
273. EMAPA:18419 - right superior vena cava
274. EMAPA:27640 - cloacal epithelium
275. EMAPA:18420 - inferior vena cava post-hepatic part
276. EMAPA:18422 - inferior vena cava pre-hepatic part
277. EMAPA:27638 - cloaca
278. EMAPA:18424 - inferior vena cava right post-hepatic part
279. EMAPA:18423 - inferior vena cava left post-hepatic part
280. EMAPA:16474 - future midbrain lateral wall
281. EMAPA:16477 - future midbrain roof plate
282. EMAPA:16476 - future midbrain neural crest
283. EMAPA:16470 - central nervous system
284. EMAPA:16473 - future midbrain floor plate
285. EMAPA:16472 - future midbrain
286. EMAPA:16478 - future rhombencephalon
287. EMAPA:16479 - 4th ventricle
288. EMAPA:16480 - rhombomere 01
289. EMAPA:16488 - rhombomere 03
290. EMAPA:16487 - rhombomere 02 roof plate
291. EMAPA:16486 - rhombomere 02 lateral wall
292. EMAPA:16485 - rhombomere 02 floor plate
293. EMAPA:16484 - rhombomere 02
294. EMAPA:16483 - rhombomere 01 roof plate
295. EMAPA:16482 - rhombomere 01 lateral wall
296. EMAPA:16481 - rhombomere 01 floor plate
297. EMAPA:16489 - rhombomere 03 floor plate
298. EMAPA:16491 - rhombomere 03 roof plate
299. EMAPA:16490 - rhombomere 03 lateral wall
300. EMAPA:16493 - rhombomere 04 floor plate
301. EMAPA:16492 - rhombomere 04
302. EMAPA:16495 - rhombomere 04 roof plate
303. EMAPA:16494 - rhombomere 04 lateral wall
304. EMAPA:16497 - rhombomere 05 floor plate
305. EMAPA:16496 - rhombomere 05
306. EMAPA:16499 - rhombomere 05 roof plate
307. EMAPA:16498 - rhombomere 05 lateral wall
308. EMAPA:30767 - follicle cell of tertiary follicle
309. EMAPA:30763 - tertiary follicle
310. EMAPA:30777 - Graafian follicle
311. EMAPA:31389 - resident macrophage of the outer medulla
312. EMAPA:16441 - somite 14
313. EMAPA:29034 - uterine horn muscular layer
314. EMAPA:29030 - uterine horn epithelium
315. EMAPA:16445 - somite 15
316. EMAPA:30781 - germinal cell of mature follicle
317. EMAPA:16449 - somite 16
318. EMAPA:16453 - somite 17
319. EMAPA:16457 - somite 18
320. EMAPA:16461 - somite 19
321. EMAPA:16465 - somite 20
322. EMAPA:17520 - neurohypophysis infundibulum
323. EMAPA:17517 - adenohypophysis pars tuberalis
324. EMAPA:17516 - adenohypophysis pars intermedia
325. EMAPA:17513 - pancreas tail parenchyma
326. EMAPA:17512 - dorsal pancreatic duct of pancreas tail
327. EMAPA:17515 - adenohypophysis pars anterior
328. EMAPA:17514 - adenohypophysis
329. EMAPA:17533 - epithalamus mantle layer
330. EMAPA:17530 - vibrissa epithelium
331. EMAPA:17531 - vibrissa mesenchyme
332. EMAPA:18294 - lower jaw incisor dental papilla

333. EMAPA:17529 - vibrissa
334. EMAPA:18295 - lower jaw molar dental lamina
335. EMAPA:18292 - lower jaw incisor dental lamina
336. EMAPA:18293 - lower jaw incisor enamel organ
337. EMAPA:17526 - cervical sinus
338. EMAPA:18291 - lower jaw alveolar sulcus
339. EMAPA:18298 - upper jaw incisor dental lamina
340. EMAPA:18299 - upper jaw incisor enamel organ
341. EMAPA:18296 - lower jaw molar enamel organ
342. EMAPA:18297 - lower jaw molar dental papilla
343. EMAPA:17541 - thalamus mantle layer
344. EMAPA:17542 - thalamus marginal layer
345. EMAPA:17543 - thalamus ventricular layer
346. EMAPA:17544 - cerebral cortex
347. EMAPA:17535 - epithalamus ventricular layer
348. EMAPA:17534 - epithalamus marginal layer
349. EMAPA:17537 - hypothalamus mantle layer
350. EMAPA:17539 - hypothalamus ventricular layer
351. EMAPA:17538 - hypothalamus marginal layer
352. EMAPA:17551 - medulla oblongata floor plate
353. EMAPA:17554 - medulla oblongata alar plate mantle layer
354. EMAPA:17555 - medulla oblongata alar plate marginal layer
355. EMAPA:17552 - medulla oblongata lateral wall
356. EMAPA:17553 - medulla oblongata alar plate
357. EMAPA:17548 - choroid invagination
358. EMAPA:17547 - cerebral cortex ventricular layer
359. EMAPA:17546 - cerebral cortex marginal layer
360. EMAPA:17545 - cerebral cortex mantle layer
361. EMAPA:17564 - pons mantle layer
362. EMAPA:17566 - pons ventricular layer
363. EMAPA:17565 - pons marginal layer
364. EMAPA:17560 - medulla oblongata basal plate ventricular layer
365. EMAPA:17562 - medulla oblongata roof
366. EMAPA:17561 - medulla oblongata sulcus limitans
367. EMAPA:19101 - common hepatic duct
368. EMAPA:19100 - right hepatic duct extrahepatic part
369. EMAPA:17556 - medulla oblongata alar plate ventricular layer
370. EMAPA:17557 - medulla oblongata basal plate
371. EMAPA:17558 - medulla oblongata basal plate mantle layer
372. EMAPA:17559 - medulla oblongata basal plate marginal layer
373. EMAPA:17576 - trigeminal V nerve
374. EMAPA:17575 - optic II nerve
375. EMAPA:17574 - oculomotor III nerve
376. EMAPA:17573 - vestibulocochlear VIII ganglion vestibular component
377. EMAPA:17572 - vestibulocochlear VIII ganglion cochlear component
378. EMAPA:17571 - vestibulocochlear VIII ganglion
379. EMAPA:19107 - upper arm skeletal muscle
380. EMAPA:19115 - forelimb digit 2 phalanx
381. EMAPA:19114 - forelimb digit 2 metacarpus
382. EMAPA:19117 - forelimb digit 3 phalanx
383. EMAPA:19116 - forelimb digit 3 metacarpus
384. EMAPA:19113 - forelimb digit 1 phalanx
385. EMAPA:19112 - forelimb digit 1 metacarpus
386. EMAPA:17569 - facial VII ganglion
387. EMAPA:17567 - metencephalon sulcus limitans
388. EMAPA:17568 - metencephalon 4th ventricle choroid plexus
389. EMAPA:17584 - spinal cord sulcus limitans
390. EMAPA:17583 - spinal cord marginal layer
391. EMAPA:17586 - spinal cord roof plate
392. EMAPA:17585 - spinal cord ventricular layer
393. EMAPA:19118 - forelimb digit 4 metacarpus
394. EMAPA:19119 - forelimb digit 4 phalanx
395. EMAPA:17580 - spinal cord mantle layer
396. EMAPA:19124 - hindlimb digit 1 phalanx
397. EMAPA:19123 - hindlimb digit 1 metatarsus
398. EMAPA:19121 - forelimb digit 5 phalanx
399. EMAPA:19128 - hindlimb digit 3 phalanx
400. EMAPA:19127 - hindlimb digit 3 metatarsus
401. EMAPA:19126 - hindlimb digit 2 phalanx
402. EMAPA:19125 - hindlimb digit 2 metatarsus
403. EMAPA:17578 - spinal cord floor plate
404. EMAPA:17579 - spinal cord lateral wall
405. EMAPA:19120 - forelimb digit 5 metacarpus
406. EMAPA:17595 - endolymphatic sac epithelium
407. EMAPA:17594 - endolymphatic sac associated mesenchyme
408. EMAPA:17593 - endolymphatic sac
409. EMAPA:17592 - pinna surface epithelium
410. EMAPA:17599 - cochlear duct associated mesenchyme
411. EMAPA:17596 - otic capsule
412. EMAPA:19129 - hindlimb digit 4 metatarsus
413. EMAPA:17591 - pinna mesenchyme
414. EMAPA:19132 - hindlimb digit 5 phalanx
415. EMAPA:19131 - hindlimb digit 5 metatarsus
416. EMAPA:19130 - hindlimb digit 4 phalanx

417. EMAPA:19031 - parietal serosal pericardium
418. EMAPA:19032 - visceral serosal pericardium
419. EMAPA:19035 - hypochochordal arch
420. EMAPA:19036 - pineal gland stalk
421. EMAPA:18334 - larynx mucous membrane
422. EMAPA:18336 - sacral vertebra
423. EMAPA:18326 - renal medullary interstitium
424. EMAPA:18329 - labial swelling
425. EMAPA:18341 - supraoccipital cartilage condensation
426. EMAPA:19026 - temporal lobe mantle layer
427. EMAPA:19053 - diencephalon subarachnoid space
428. EMAPA:19054 - telencephalon subarachnoid space
429. EMAPA:19051 - tectum
430. EMAPA:18350 - somite 56
431. EMAPA:19052 - midbrain rest of roof plate
432. EMAPA:19050 - cerebellum dorsal part ventricular layer
433. EMAPA:19059 - cavernous sinus
434. EMAPA:18358 - somite 58
435. EMAPA:19057 - diencephalon cisterna chiasmatica
436. EMAPA:19055 - midbrain subarachnoid space
437. EMAPA:31404 - resident macrophage of the inner medulla
438. EMAPA:18354 - somite 57
439. EMAPA:19056 - hindbrain basal cistern
440. EMAPA:19040 - hippocampus mantle layer
441. EMAPA:19041 - hippocampus marginal layer
442. EMAPA:19043 - hippocampus ventricular layer
443. EMAPA:19048 - cerebellum dorsal part mantle layer
444. EMAPA:19049 - cerebellum dorsal part marginal layer
445. EMAPA:18366 - somite 60
446. EMAPA:19044 - rest of cerebral cortex mantle layer
447. EMAPA:19045 - rest of cerebral cortex marginal layer
448. EMAPA:18362 - somite 59
449. EMAPA:19046 - rest of cerebral cortex ventricular layer
450. EMAPA:19047 - cerebellum dorsal part
451. EMAPA:18374 - tail vertebra
452. EMAPA:18376 - hindgut diverticulum lumen
453. EMAPA:19078 - duodenum epithelium
454. EMAPA:18375 - foregut diverticulum lumen
455. EMAPA:18378 - duodenum rostral part lumen
456. EMAPA:18377 - midgut lumen
457. EMAPA:18379 - gastro-oesophageal junction lumen
458. EMAPA:19071 - upper leg skeletal muscle
459. EMAPA:18370 - tail peripheral nervous system
460. EMAPA:18372 - tail dorsal root ganglion
461. EMAPA:19074 - medulla oblongata 4th ventricle choroid plexus
462. EMAPA:18371 - tail ganglion
463. EMAPA:18387 - perineal body lumen
464. EMAPA:18386 - foregut-midgut junction lumen
465. EMAPA:19066 - upper arm skeletal muscle
466. EMAPA:18385 - stomach pyloric region lumen
467. EMAPA:18384 - stomach proventricular region lumen
468. EMAPA:18389 - rest of hindgut lumen
469. EMAPA:18388 - rectum lumen
470. EMAPA:19061 - organ of Corti
471. EMAPA:19060 - sigmoid sinus
472. EMAPA:18383 - stomach glandular region lumen
473. EMAPA:19063 - tympanic membrane primordium endothelium
474. EMAPA:18382 - stomach fundus lumen
475. EMAPA:18381 - pharynx lumen
476. EMAPA:18380 - oesophagus lumen
477. EMAPA:19064 - tympanic membrane primordium epithelium
478. EMAPA:18399 - oral region cavity
479. EMAPA:18396 - hindgut lumen
480. EMAPA:18395 - stomach lumen
481. EMAPA:18398 - hindgut diverticulum preanal component lumen
482. EMAPA:18397 - hindgut diverticulum postanal component lumen
483. EMAPA:19099 - left hepatic duct extrahepatic part
484. EMAPA:17505 - dorsal pancreatic duct of pancreas body
485. EMAPA:18392 - rest of midgut lumen
486. EMAPA:17506 - pancreas body parenchyma
487. EMAPA:18391 - midgut loop lumen
488. EMAPA:17507 - pancreas head
489. EMAPA:18394 - anal canal rostral part lumen
490. EMAPA:17508 - pancreas head parenchyma
491. EMAPA:18393 - anal canal caudal part lumen
492. EMAPA:17501 - upper leg mesenchyme
493. EMAPA:17502 - femur pre-cartilage condensation
494. EMAPA:18390 - duodenum caudal part lumen
495. EMAPA:19092 - main bronchus cartilaginous ring
496. EMAPA:17504 - pancreas body
497. EMAPA:19091 - larynx aditus
498. EMAPA:17511 - pancreas tail
499. EMAPA:17510 - ventral pancreatic duct
500. EMAPA:19089 - gubernaculum

501. EMAPA:19084 - gastro-oesophageal junction mesentery
502. EMAPA:19081 - duodenum mesentery
503. EMAPA:19080 - duodenum lumen
504. EMAPA:19083 - duodenum vascular element
505. EMAPA:17500 - upper leg epithelium
506. EMAPA:29880 - ruptured follicle
507. EMAPA:29884 - germinal cell of ruptured follicle
508. EMAPA:16400 - 3rd branchial arch ectoderm
509. EMAPA:29878 - apoptotic germinal cell
510. EMAPA:29897 - oviduct infundibulum
511. EMAPA:29862 - secondary follicle
512. EMAPA:16413 - trunk mesenchyme derived from neural crest
513. EMAPA:27749 - ureteric tip
514. EMAPA:27742 - pretubular aggregate
515. EMAPA:16407 - forelimb bud ectoderm
516. EMAPA:16408 - forelimb bud mesenchyme
517. EMAPA:29866 - follicle cell of secondary follicle
518. EMAPA:16401 - 3rd branchial arch endoderm
519. EMAPA:27735 - cap mesenchyme
520. EMAPA:16409 - lateral mesenchyme derived from mesoderm
521. EMAPA:27770 - capillary loop renal corpuscle
522. EMAPA:27772 - visceral epithelium of capillary loop renal corpuscle
523. EMAPA:27764 - proximal segment of s-shaped body
524. EMAPA:27762 - medial segment of s-shaped body
525. EMAPA:27760 - distal segment of s-shaped body
526. EMAPA:27756 - s-shaped body
527. EMAPA:18301 - upper jaw molar dental lamina
528. EMAPA:18300 - upper jaw incisor dental papilla
529. EMAPA:18303 - upper jaw molar dental papilla
530. EMAPA:18302 - upper jaw molar enamel organ
531. EMAPA:18308 - liver left lobe bare area
532. EMAPA:18309 - liver left lobe hepatic sinusoid
533. EMAPA:18306 - liver lobe
534. EMAPA:27790 - renal connecting tubule
535. EMAPA:18307 - liver left lobe
536. EMAPA:18304 - left hepatic duct intrahepatic part
537. EMAPA:18305 - right hepatic duct intrahepatic part
538. EMAPA:18314 - liver caudate lobe hepatic sinusoid
539. EMAPA:18313 - liver caudate lobe
540. EMAPA:18312 - liver right lobe bare area
541. EMAPA:18311 - liver right lobe
542. EMAPA:18310 - liver left lobe parenchyma
543. EMAPA:27788 - early distal tubule
544. EMAPA:27784 - early proximal tubule
545. EMAPA:18319 - liver quadrate lobe hepatic sinusoid
546. EMAPA:27782 - renal tubule
547. EMAPA:18315 - liver caudate lobe parenchyma
548. EMAPA:18316 - liver right lobe hepatic sinusoid
549. EMAPA:18317 - liver right lobe parenchyma
550. EMAPA:18318 - liver quadrate lobe
551. EMAPA:18320 - liver quadrate lobe parenchyma
552. EMAPA:18600 - posterior communicating artery
553. EMAPA:16102 - notochordal process
554. EMAPA:16100 - head mesenchyme derived from neural-crest
555. EMAPA:16130 - 1st branchial arch mesenchyme derived from head mesoderm
556. EMAPA:16132 - pericardial component cavity
557. EMAPA:16133 - pericardial component mesothelium
558. EMAPA:16136 - pericardio-peritoneal component mesothelium
559. EMAPA:16135 - pericardio-peritoneal component cavity
560. EMAPA:16915 - telencephalic part of interventricular foramen
561. EMAPA:16916 - hindbrain
562. EMAPA:16917 - 4th ventricle
563. EMAPA:16918 - rhombomere 01
564. EMAPA:16919 - rhombomere 01 floor plate
565. EMAPA:16126 - 1st branchial arch ectoderm
566. EMAPA:16127 - 1st branchial arch endoderm
567. EMAPA:16128 - 1st branchial arch mesenchyme
568. EMAPA:16910 - telencephalon
569. EMAPA:16129 - 1st branchial arch mesenchyme derived from neural crest
570. EMAPA:16911 - telencephalon mantle layer
571. EMAPA:16912 - telencephalon marginal layer
572. EMAPA:16913 - telencephalon ventricular layer
573. EMAPA:16914 - lateral ventricle
574. EMAPA:16143 - future midbrain neural crest
575. EMAPA:16142 - future midbrain neural fold
576. EMAPA:16141 - future midbrain floor plate
577. EMAPA:16140 - future midbrain
578. EMAPA:16147 - future prosencephalon neural crest
579. EMAPA:16146 - future prosencephalon neural fold
580. EMAPA:16145 - future prosencephalon floor plate
581. EMAPA:16144 - future prosencephalon
582. EMAPA:16906 - diencephalon lateral wall mantle layer
583. EMAPA:16907 - diencephalon lateral wall marginal layer
584. EMAPA:16905 - diencephalon lateral wall

585. EMAPA:16908 - diencephalon lateral wall ventricular layer
586. EMAPA:16909 - diencephalon roof plate
587. EMAPA:16139 - peritoneal component mesothelium
588. EMAPA:16138 - peritoneal component cavity
589. EMAPA:16902 - optic recess
590. EMAPA:16903 - diencephalon floor plate
591. EMAPA:16900 - 3rd ventricle
592. EMAPA:16901 - diencephalic part of interventricular foramen
593. EMAPA:16937 - rhombomere 03 ventricular layer
594. EMAPA:16938 - rhombomere 03 roof plate
595. EMAPA:16939 - rhombomere 04
596. EMAPA:16933 - rhombomere 03 floor plate
597. EMAPA:16934 - rhombomere 03 lateral wall
598. EMAPA:16935 - rhombomere 03 mantle layer
599. EMAPA:16936 - rhombomere 03 marginal layer
600. EMAPA:16930 - rhombomere 02 ventricular layer
601. EMAPA:16931 - rhombomere 02 roof plate
602. EMAPA:16932 - rhombomere 03
603. EMAPA:16107 - allantois
604. EMAPA:16125 - 1st branchial pouch endoderm
605. EMAPA:16123 - 1st branchial membrane endoderm
606. EMAPA:16122 - 1st branchial membrane ectoderm
607. EMAPA:16120 - 1st branchial groove ectoderm
608. EMAPA:16928 - rhombomere 02 mantle layer
609. EMAPA:16929 - rhombomere 02 marginal layer
610. EMAPA:16926 - rhombomere 02 floor plate
611. EMAPA:16927 - rhombomere 02 lateral wall
612. EMAPA:16924 - rhombomere 01 roof plate
613. EMAPA:16925 - rhombomere 02
614. EMAPA:16922 - rhombomere 01 marginal layer
615. EMAPA:16923 - rhombomere 01 ventricular layer
616. EMAPA:16920 - rhombomere 01 lateral wall
617. EMAPA:16117 - branchial arch
618. EMAPA:16921 - rhombomere 01 mantle layer
619. EMAPA:16954 - rhombomere 06 floor plate
620. EMAPA:16953 - rhombomere 06
621. EMAPA:16952 - rhombomere 05 roof plate
622. EMAPA:16951 - rhombomere 05 ventricular layer
623. EMAPA:16958 - rhombomere 06 ventricular layer
624. EMAPA:16957 - rhombomere 06 marginal layer
625. EMAPA:16956 - rhombomere 06 mantle layer
626. EMAPA:16955 - rhombomere 06 lateral wall
627. EMAPA:16959 - rhombomere 06 roof plate
628. EMAPA:16171 - head paraxial mesenchyme
629. EMAPA:16172 - head somite group
630. EMAPA:16175 - somite 03
631. EMAPA:16176 - somite 04
632. EMAPA:16173 - somite 01
633. EMAPA:16174 - somite 02
634. EMAPA:16960 - rhombomere 07
635. EMAPA:16179 - lateral plate mesenchyme
636. EMAPA:16961 - rhombomere 07 floor plate
637. EMAPA:16177 - trunk mesenchyme
638. EMAPA:16178 - intermediate mesoderm
639. EMAPA:16941 - rhombomere 04 lateral wall
640. EMAPA:16940 - rhombomere 04 floor plate
641. EMAPA:16943 - rhombomere 04 marginal layer
642. EMAPA:16942 - rhombomere 04 mantle layer
643. EMAPA:16945 - rhombomere 04 roof plate
644. EMAPA:16944 - rhombomere 04 ventricular layer
645. EMAPA:16947 - rhombomere 05 floor plate
646. EMAPA:16946 - rhombomere 05
647. EMAPA:16949 - rhombomere 05 mantle layer
648. EMAPA:16948 - rhombomere 05 lateral wall
649. EMAPA:16182 - trunk mesenchyme derived from neural crest
650. EMAPA:16183 - trunk paraxial mesenchyme
651. EMAPA:16184 - trunk somite group
652. EMAPA:16185 - somite 05
653. EMAPA:16186 - somite 06
654. EMAPA:16187 - somite 07
655. EMAPA:16188 - somite 08
656. EMAPA:16189 - unsegmented mesenchyme
657. EMAPA:16950 - rhombomere 05 marginal layer
658. EMAPA:16979 - midbrain ventricular layer
659. EMAPA:30484 - distal genital tubercle of female
660. EMAPA:16978 - midbrain marginal layer
661. EMAPA:16977 - midbrain mantle layer
662. EMAPA:16976 - midbrain lateral wall
663. EMAPA:17677 - sacral vertebral pre-cartilage condensation
664. EMAPA:16975 - midbrain floor plate
665. EMAPA:16974 - midbrain
666. EMAPA:17679 - thoracic vertebral cartilage condensation
667. EMAPA:16973 - rhombomere 08 roof plate
668. EMAPA:16148 - future rhombencephalon

669. EMAPA:16150 - anterior pro-rhombomere floor plate
670. EMAPA:16982 - acoustic VIII ganglion
671. EMAPA:16983 - facial VII ganglion
672. EMAPA:16158 - posterior pro-rhombomere floor plate
673. EMAPA:17684 - somite 49
674. EMAPA:16980 - mesencephalic vesicle
675. EMAPA:16155 - early hindbrain neural fold
676. EMAPA:16981 - midbrain roof plate
677. EMAPA:16156 - early hindbrain neural crest
678. EMAPA:16154 - early hindbrain floor plate
679. EMAPA:16151 - anterior pro-rhombomere neural fold
680. EMAPA:17683 - temporal bone petrous part
681. EMAPA:16152 - anterior pro-rhombomere neural crest
682. EMAPA:16967 - rhombomere 08
683. EMAPA:16966 - rhombomere 07 roof plate
684. EMAPA:16969 - rhombomere 08 lateral wall
685. EMAPA:16968 - rhombomere 08 floor plate
686. EMAPA:29307 - male inguinal ring
687. EMAPA:16963 - rhombomere 07 mantle layer
688. EMAPA:16962 - rhombomere 07 lateral wall
689. EMAPA:16159 - posterior pro-rhombomere neural fold
690. EMAPA:16965 - rhombomere 07 ventricular layer
691. EMAPA:17688 - somite 50
692. EMAPA:16964 - rhombomere 07 marginal layer
693. EMAPA:16160 - posterior pro-rhombomere neural crest
694. EMAPA:29313 - male internal inguinal ring
695. EMAPA:16166 - future spinal cord lateral wall
696. EMAPA:16970 - rhombomere 08 mantle layer
697. EMAPA:16167 - future spinal cord neural lumen
698. EMAPA:16971 - rhombomere 08 marginal layer
699. EMAPA:16168 - future spinal cord roof plate
700. EMAPA:17696 - somite 52
701. EMAPA:16972 - rhombomere 08 ventricular layer
702. EMAPA:16169 - head mesenchyme derived from neural crest
703. EMAPA:16162 - future spinal cord neural fold
704. EMAPA:29310 - male external inguinal ring
705. EMAPA:16163 - future spinal cord neural crest
706. EMAPA:17692 - somite 51
707. EMAPA:16165 - future spinal cord floor plate
708. EMAPA:16997 - otocyst other part
709. EMAPA:17656 - left lung lobar bronchus
710. EMAPA:16998 - otocyst other part associated mesenchyme
711. EMAPA:17655 - left lung epithelium
712. EMAPA:16995 - endolymphatic appendage associated mesenchyme
713. EMAPA:17658 - left lung lobar bronchus epithelium
714. EMAPA:16996 - endolymphatic appendage epithelium
715. EMAPA:17657 - left lung lobar bronchus associated mesenchyme
716. EMAPA:17659 - left lung lobar bronchus vascular element
717. EMAPA:16999 - otocyst other part epithelium
718. EMAPA:17660 - left lung vascular element
719. EMAPA:17662 - right lung associated mesenchyme
720. EMAPA:17663 - right lung epithelium
721. EMAPA:17664 - right lung lobar bronchus
722. EMAPA:17665 - right lung lobar bronchus associated mesenchyme
723. EMAPA:30478 - preputial swelling of female
724. EMAPA:28601 - urothelium of bladder
725. EMAPA:16984 - autonomic nervous system
726. EMAPA:17669 - upper respiratory tract
727. EMAPA:16985 - sympathetic nervous system
728. EMAPA:17668 - right lung vascular element
729. EMAPA:16986 - nerve trunk
730. EMAPA:17667 - right lung lobar bronchus vascular element
731. EMAPA:16987 - spinal nerve plexus
732. EMAPA:17666 - right lung lobar bronchus epithelium
733. EMAPA:16989 - spinal nerve
734. EMAPA:17671 - nasopharynx associated mesenchyme
735. EMAPA:17672 - nasopharynx epithelium
736. EMAPA:16992 - external ear branchial membrane
737. EMAPA:17675 - lumbar vertebral cartilage condensation
738. EMAPA:17676 - axial skeleton sacral region
739. EMAPA:16994 - endolymphatic appendage
740. EMAPA:17673 - nasopharynx vascular element
741. EMAPA:16993 - branchial membrane epithelium
742. EMAPA:17674 - cervical vertebra
743. EMAPA:17638 - maxillary process skeleton
744. EMAPA:17637 - maxillary process epithelium
745. EMAPA:17634 - stomach pyloric region vascular element
746. EMAPA:17633 - stomach pyloric region epithelium
747. EMAPA:17636 - mandible primordium alveolar sulcus
748. EMAPA:17640 - maxillary process alveolar sulcus
749. EMAPA:17642 - primary palate
750. EMAPA:16199 - optic sulcus
751. EMAPA:17643 - primary palate epithelium
752. EMAPA:16197 - otic placode epithelium

753. EMAPA:16196 - otic placode associated mesenchyme
754. EMAPA:17645 - cap mesenchyme
755. EMAPA:17644 - primary palate mesenchyme
756. EMAPA:17654 - left lung associated mesenchyme
757. EMAPA:27003 - oesophagus lamina propria
758. EMAPA:17630 - stomach proventricular region vascular element
759. EMAPA:17632 - stomach pyloric region associated mesenchyme
760. EMAPA:17631 - stomach pyloric region
761. EMAPA:17626 - stomach glandular region vascular element
762. EMAPA:17627 - stomach proventricular region
763. EMAPA:17628 - stomach proventricular region associated mesenchyme
764. EMAPA:17629 - stomach proventricular region epithelium
765. EMAPA:17622 - hyoid cartilage condensation
766. EMAPA:17623 - stomach glandular region
767. EMAPA:17624 - stomach glandular region associated mesenchyme
768. EMAPA:17625 - stomach glandular region epithelium
769. EMAPA:27013 - foregut-midgut junction submucosa
770. EMAPA:27015 - foregut-midgut junction muscularis
771. EMAPA:27011 - foregut-midgut junction mucosa
772. EMAPA:17618 - atrio-ventricular cushion tissue
773. EMAPA:17615 - innominate artery
774. EMAPA:17614 - external iliac artery
775. EMAPA:17611 - medial-nasal process epithelium
776. EMAPA:17612 - vomeronasal organ
777. EMAPA:17619 - outflow tract pulmonary component proximal part
778. EMAPA:27007 - oesophagus muscularis mucosa
779. EMAPA:27021 - foregut-midgut junction lamina propria
780. EMAPA:27025 - duodenum rostral part mucosa
781. EMAPA:27023 - foregut-midgut junction muscularis mucosa
782. EMAPA:17610 - latero-nasal process epithelium
783. EMAPA:17600 - cochlear duct epithelium
784. EMAPA:17601 - pharyngo-tympanic tube
785. EMAPA:17602 - cornea stroma
786. EMAPA:17605 - nasal cavity epithelium
787. EMAPA:17606 - nasal cavity olfactory epithelium
788. EMAPA:17607 - nasal cavity respiratory epithelium
789. EMAPA:27019 - foregut-midgut junction epithelium
790. EMAPA:17609 - frontal process epithelium
791. EMAPA:27017 - foregut-midgut junction serosa
792. EMAPA:27031 - duodenum rostral part serosa
793. EMAPA:27033 - duodenum rostral part epithelium
794. EMAPA:27035 - duodenum rostral part lamina propria
795. EMAPA:27037 - duodenum rostral part muscularis mucosa
796. EMAPA:28679 - vasculature of bladder
797. EMAPA:27027 - duodenum rostral part submucosa
798. EMAPA:27029 - duodenum rostral part muscularis
799. EMAPA:31521 - early distal tubule of capillary loop nephron
800. EMAPA:31511 - early distal tubule of capillary loop nephron
801. EMAPA:18694 - respiratory system cartilage
802. EMAPA:18695 - arytenoid cartilage
803. EMAPA:18696 - cricoid cartilage
804. EMAPA:18697 - laryngeal cartilage
805. EMAPA:18698 - thyroid cartilage
806. EMAPA:18699 - trachea cartilaginous ring
807. EMAPA:18677 - major calyx
808. EMAPA:18672 - liver left lobe hepatic duct
809. EMAPA:18671 - jejunum dorsal mesentery
810. EMAPA:18670 - jejunum mesentery
811. EMAPA:27089 - rectum epithelium
812. EMAPA:27085 - rectum muscularis
813. EMAPA:18669 - jejunum vascular element
814. EMAPA:27087 - rectum serosa
815. EMAPA:18668 - jejunum epithelium
816. EMAPA:27081 - rectum mucosa
817. EMAPA:27083 - rectum submucosa
818. EMAPA:18685 - seminiferous cord
819. EMAPA:18687 - interstitium of the testis
820. EMAPA:18682 - penis
821. EMAPA:18681 - ductus deferens
822. EMAPA:18678 - minor calyx
823. EMAPA:27099 - duodenum caudal part muscularis
824. EMAPA:27097 - duodenum caudal part submucosa
825. EMAPA:27095 - duodenum caudal part mucosa
826. EMAPA:27093 - rectum muscularis mucosa
827. EMAPA:27091 - rectum lamina propria
828. EMAPA:31543 - early proximal tubule of capillary loop nephron
829. EMAPA:31544 - early proximal tubule of capillary loop nephron
830. EMAPA:18651 - hyoid bone greater horn
831. EMAPA:18653 - hyoid bone body
832. EMAPA:18652 - hyoid bone lesser horn
833. EMAPA:18647 - testicular vein
834. EMAPA:18649 - pharynx skeleton
835. EMAPA:27877 - medial segment of s-shaped body
836. EMAPA:18662 - duodenal papilla

837. EMAPA:18661 - foregut-midgut junction duodenum
838. EMAPA:18664 - rectum mesentery
839. EMAPA:18665 - rectum dorsal mesentery
840. EMAPA:27883 - proximal segment of s-shaped body
841. EMAPA:18632 - hindbrain venous system
842. EMAPA:18633 - hindbrain venous sinus
843. EMAPA:18630 - tricuspid valve leaflets
844. EMAPA:18631 - brain venous system
845. EMAPA:27039 - gastro-oesophageal junction mucosa
846. EMAPA:27871 - distal segment of s-shaped body
847. EMAPA:27045 - gastro-oesophageal junction serosa
848. EMAPA:18629 - pulmonary valve leaflets
849. EMAPA:18628 - mitral valve leaflets
850. EMAPA:27047 - gastro-oesophageal junction epithelium
851. EMAPA:18627 - aortic valve leaflets
852. EMAPA:27041 - gastro-oesophageal junction submucosa
853. EMAPA:18624 - superior thyroid artery
854. EMAPA:27043 - gastro-oesophageal junction muscularis
855. EMAPA:18623 - inferior thyroid artery
856. EMAPA:18641 - internal thoracic vein
857. EMAPA:18642 - inferior mesenteric vein
858. EMAPA:18643 - superior mesenteric vein
859. EMAPA:27049 - gastro-oesophageal junction lamina propria
860. EMAPA:27853 - s-shaped body
861. EMAPA:18640 - internal jugular vein
862. EMAPA:27051 - gastro-oesophageal junction muscularis mucosa
863. EMAPA:27059 - perineal body serosa
864. EMAPA:18639 - external jugular vein
865. EMAPA:27057 - perineal body muscularis
866. EMAPA:27055 - perineal body submucosa
867. EMAPA:18635 - inferior sagittal sinus
868. EMAPA:18634 - hindbrain venous dural sinus
869. EMAPA:27053 - perineal body mucosa
870. EMAPA:18637 - transverse sinus
871. EMAPA:18636 - superior sagittal sinus
872. EMAPA:27841 - upper limb of comma-shaped body
873. EMAPA:18610 - common carotid artery
874. EMAPA:18611 - external carotid artery
875. EMAPA:27847 - lower limb of comma-shaped body
876. EMAPA:27061 - perineal body epithelium
877. EMAPA:18604 - ascending thoracic aorta
878. EMAPA:27063 - perineal body lamina propria
879. EMAPA:27065 - perineal body muscularis mucosa
880. EMAPA:27067 - rest of hindgut mucosa
881. EMAPA:27069 - rest of hindgut submucosa
882. EMAPA:18605 - descending thoracic aorta
883. EMAPA:27073 - rest of hindgut serosa
884. EMAPA:27071 - rest of hindgut muscularis
885. EMAPA:27077 - rest of hindgut lamina propria
886. EMAPA:18612 - internal carotid artery
887. EMAPA:27075 - rest of hindgut epithelium
888. EMAPA:18615 - middle cerebral artery
889. EMAPA:18614 - anterior cerebral artery
890. EMAPA:18617 - internal thoracic artery
891. EMAPA:18616 - posterior cerebral artery
892. EMAPA:27079 - rest of hindgut muscularis mucosa
893. EMAPA:18619 - superior mesenteric artery
894. EMAPA:18618 - inferior mesenteric artery
895. EMAPA:30522 - tunica albuginea of ovary
896. EMAPA:16200 - optic sulcus neural ectoderm
897. EMAPA:16210 - early primitive heart tube endocardial tube
898. EMAPA:16211 - early primitive heart tube cardiac muscle
899. EMAPA:16212 - heart mesentery
900. EMAPA:16213 - dorsal mesocardium
901. EMAPA:16206 - right dorsal aorta
902. EMAPA:16205 - left dorsal aorta
903. EMAPA:16209 - early primitive heart tube cardiac jelly
904. EMAPA:16220 - bulbus cordis caudal half cardiac muscle
905. EMAPA:16223 - bulbus cordis rostral half endocardial tube
906. EMAPA:16224 - bulbus cordis rostral half cardiac muscle
907. EMAPA:16221 - bulbus cordis rostral half
908. EMAPA:16222 - bulbus cordis rostral half cardiac jelly
909. EMAPA:16217 - bulbus cordis caudal half
910. EMAPA:16219 - bulbus cordis caudal half endocardial tube
911. EMAPA:16218 - bulbus cordis caudal half cardiac jelly
912. EMAPA:16233 - primitive ventricle
913. EMAPA:16232 - outflow tract mesenchyme
914. EMAPA:16235 - primitive ventricle endocardial tube
915. EMAPA:16234 - primitive ventricle cardiac jelly
916. EMAPA:29220 - preputial swelling of male
917. EMAPA:16231 - outflow tract endocardial tube
918. EMAPA:16230 - outflow tract cardiac jelly
919. EMAPA:16226 - common atrial chamber cardiac jelly
920. EMAPA:16227 - common atrial chamber endocardial tube

921. EMAPA:16228 - common atrial chamber cardiac muscle
 922. EMAPA:16244 - vitelline vein embryonic part
 923. EMAPA:16238 - sinus venosus left horn
 924. EMAPA:16239 - sinus venosus right horn
 925. EMAPA:16236 - primitive ventricle cardiac muscle
 926. EMAPA:16251 - hindgut diverticulum
 927. EMAPA:16250 - foregut diverticulum endoderm
 928. EMAPA:16253 - hindgut diverticulum endoderm
 929. EMAPA:16252 - hindgut diverticulum associated mesenchyme
 930. EMAPA:16254 - hindgut diverticulum primordial germ cell
 931. EMAPA:16257 - midgut endoderm
 932. EMAPA:16256 - midgut associated mesenchyme
 933. EMAPA:16248 - foregut diverticulum
 934. EMAPA:16249 - foregut diverticulum associated mesenchyme
 935. EMAPA:16260 - buccopharyngeal membrane ectoderm
 936. EMAPA:16261 - buccopharyngeal membrane endoderm
 937. EMAPA:26466 - hindlimb digit 4 inter-phalangeal joint
 938. EMAPA:17798 - trigeminal V nerve mandibular division
 939. EMAPA:17799 - trigeminal V nerve maxillary division
 940. EMAPA:16278 - 2nd branchial arch endoderm
 941. EMAPA:16276 - 2nd branchial pouch endoderm
 942. EMAPA:16277 - 2nd branchial arch ectoderm
 943. EMAPA:16274 - 2nd branchial membrane endoderm
 944. EMAPA:26472 - hindlimb digit 4 metacarpo-phalangeal joint
 945. EMAPA:26478 - hindlimb digit 5 inter-phalangeal joint
 946. EMAPA:16287 - hindbrain posterior to rhombomere 05 floor plate
 947. EMAPA:16288 - hindbrain posterior to rhombomere 05 neural fold
 948. EMAPA:16289 - hindbrain posterior to rhombomere 05 neural crest
 949. EMAPA:16283 - pericardio-peritoneal canal cavity
 950. EMAPA:16284 - pericardio-peritoneal canal mesothelium
 951. EMAPA:16285 - future midbrain roof plate
 952. EMAPA:26484 - hindlimb digit 5 metacarpo-phalangeal joint
 953. EMAPA:16282 - pericardio-peritoneal canal
 954. EMAPA:16296 - rhombomere 02 neural crest
 955. EMAPA:16297 - rhombomere 03
 956. EMAPA:16294 - rhombomere 02 floor plate
 957. EMAPA:16295 - rhombomere 02 neural fold
 958. EMAPA:16298 - rhombomere 03 floor plate
 959. EMAPA:16299 - rhombomere 03 neural fold
 960. EMAPA:16292 - rhombomere 01 neural fold
 961. EMAPA:16293 - rhombomere 02
 962. EMAPA:16290 - rhombomere 01
 963. EMAPA:16291 - rhombomere 01 floor plate
 964. EMAPA:29205 - distal genital tubercle of male
 965. EMAPA:17758 - integumental system gland
 966. EMAPA:17754 - sublingual gland primordium mesenchyme
 967. EMAPA:17757 - submandibular gland primordium mesenchyme
 968. EMAPA:17756 - submandibular gland primordium epithelium
 969. EMAPA:17761 - mammary gland mesenchyme
 970. EMAPA:17762 - vibrissa dermal component
 971. EMAPA:17763 - vibrissa epidermal component
 972. EMAPA:17764 - diencephalon meninges
 973. EMAPA:17760 - mammary gland epithelium
 974. EMAPA:28506 - developing capillary loop stage nephron GROUP
 975. EMAPA:17769 - lateral ventricle choroid plexus
 976. EMAPA:17767 - diencephalon pia mater
 977. EMAPA:17766 - diencephalon dura mater
 978. EMAPA:17765 - diencephalon arachnoid mater
 979. EMAPA:17774 - telencephalon meninges
 980. EMAPA:17775 - telencephalon arachnoid mater
 981. EMAPA:17772 - posterior horn of lateral ventricle
 982. EMAPA:17773 - superior horn of lateral ventricle
 983. EMAPA:17770 - anterior horn of lateral ventricle
 984. EMAPA:17771 - inferior horn of lateral ventricle
 985. EMAPA:17777 - telencephalon pia mater
 986. EMAPA:17776 - telencephalon dura mater
 987. EMAPA:17780 - olfactory cortex mantle layer
 988. EMAPA:17781 - olfactory cortex marginal layer
 989. EMAPA:17782 - olfactory cortex ventricular layer
 990. EMAPA:17783 - hindbrain meninges
 991. EMAPA:17784 - hindbrain arachnoid mater
 992. EMAPA:17785 - hindbrain dura mater
 993. EMAPA:17786 - hindbrain pia mater
 994. EMAPA:17789 - cerebellum marginal layer
 995. EMAPA:17788 - cerebellum mantle layer
 996. EMAPA:17792 - midbrain arachnoid mater
 997. EMAPA:17793 - midbrain dura mater
 998. EMAPA:17790 - cerebellum ventricular layer
 999. EMAPA:17791 - midbrain meninges
 1000. EMAPA:17796 - facial VII nerve
 1001. EMAPA:17797 - olfactory I nerve
 1002. EMAPA:17794 - midbrain pia mater
 1003. EMAPA:17731 - hindlimb digit 4 metatarsus pre-cartilage condensation
 1004. EMAPA:17730 - hindlimb digit 3 phalanx pre-cartilage condensation

1005. EMAPA:27143 - rest of midgut serosa
1006. EMAPA:27141 - rest of midgut muscularis
1007. EMAPA:27147 - rest of midgut lamina propria
1008. EMAPA:27145 - rest of midgut epithelium
1009. EMAPA:17729 - hindlimb digit 3 metatarsus pre-cartilage condensation
1010. EMAPA:27139 - rest of midgut submucosa
1011. EMAPA:27137 - rest of midgut mucosa
1012. EMAPA:17721 - forelimb digit 4 phalanx pre-cartilage condensation
1013. EMAPA:17722 - forelimb digit 5 metacarpus pre-cartilage condensation
1014. EMAPA:17723 - forelimb digit 5 phalanx pre-cartilage condensation
1015. EMAPA:17724 - carpus pre-cartilage condensation
1016. EMAPA:17725 - hindlimb digit 1 metatarsus pre-cartilage condensation
1017. EMAPA:17726 - hindlimb digit 1 phalanx pre-cartilage condensation
1018. EMAPA:17727 - hindlimb digit 2 metatarsus pre-cartilage condensation
1019. EMAPA:17728 - hindlimb digit 2 phalanx pre-cartilage condensation
1020. EMAPA:28561 - ureteral mesenchyme subepithelial layer
1021. EMAPA:17720 - forelimb digit 4 metacarpus pre-cartilage condensation
1022. EMAPA:27151 - stomach fundus mucosa
1023. EMAPA:27153 - stomach fundus submucosa
1024. EMAPA:27155 - stomach fundus muscularis
1025. EMAPA:27157 - stomach fundus serosa
1026. EMAPA:27149 - rest of midgut muscularis mucosa
1027. EMAPA:17718 - forelimb digit 3 metacarpus pre-cartilage condensation
1028. EMAPA:17719 - forelimb digit 3 phalanx pre-cartilage condensation
1029. EMAPA:27913 - visceral epithelium of capillary loop renal corpuscle
1030. EMAPA:17713 - humerus cartilage condensation
1031. EMAPA:17711 - radius-ulna cartilage condensation
1032. EMAPA:17716 - forelimb digit 2 metacarpus pre-cartilage condensation
1033. EMAPA:17717 - forelimb digit 2 phalanx pre-cartilage condensation
1034. EMAPA:17714 - forelimb digit 1 metacarpus pre-cartilage condensation
1035. EMAPA:17715 - forelimb digit 1 phalanx pre-cartilage condensation
1036. EMAPA:17753 - sublingual gland primordium epithelium
1037. EMAPA:27125 - midgut loop submucosa
1038. EMAPA:27123 - midgut loop mucosa
1039. EMAPA:27121 - jejunum muscularis mucosa
1040. EMAPA:27119 - jejunum lamina propria
1041. EMAPA:27943 - maturing renal corpuscle
1042. EMAPA:27115 - jejunum serosa
1043. EMAPA:17747 - pectoral girdle and thoracic body wall muscle
1044. EMAPA:17748 - pectoral girdle and thoracic body wall skeletal muscle
1045. EMAPA:17743 - vertebral axis muscle system
1046. EMAPA:27949 - maturing glomerular tuft
1047. EMAPA:17745 - anterior abdominal wall skeletal muscle
1048. EMAPA:17746 - anterior abdominal wall undifferentiated pre-muscle mass
1049. EMAPA:17742 - femur cartilage condensation
1050. EMAPA:17741 - tibia-fibular pre-cartilage condensation
1051. EMAPA:27133 - midgut loop lamina propria
1052. EMAPA:27135 - midgut loop muscularis mucosa
1053. EMAPA:27131 - midgut loop epithelium
1054. EMAPA:27127 - midgut loop muscularis
1055. EMAPA:27129 - midgut loop serosa
1056. EMAPA:17737 - future tarsus other mesenchyme
1057. EMAPA:17734 - hindlimb digit 5 phalanx pre-cartilage condensation
1058. EMAPA:17732 - hindlimb digit 4 phalanx pre-cartilage condensation
1059. EMAPA:17733 - hindlimb digit 5 metatarsus pre-cartilage condensation
1060. EMAPA:27103 - duodenum caudal part epithelium
1061. EMAPA:27101 - duodenum caudal part serosa
1062. EMAPA:26442 - hindlimb digit 2 metacarpo-phalangeal joint
1063. EMAPA:26436 - hindlimb digit 1 metacarpo-phalangeal joint
1064. EMAPA:18578 - future tympanic membrane endothelium
1065. EMAPA:27111 - jejunum submucosa
1066. EMAPA:27113 - jejunum muscularis
1067. EMAPA:26430 - hindlimb digit 1 inter-phalangeal joint
1068. EMAPA:18580 - endolymphatic duct
1069. EMAPA:18581 - endolymphatic duct associated mesenchyme
1070. EMAPA:27105 - duodenum caudal part lamina propria
1071. EMAPA:18582 - endolymphatic duct epithelium
1072. EMAPA:27107 - duodenum caudal part muscularis mucosa
1073. EMAPA:18588 - conjunctival sac lower recess
1074. EMAPA:27109 - jejunum mucosa
1075. EMAPA:18589 - conjunctival sac upper recess
1076. EMAPA:26460 - hindlimb digit 3 metacarpo-phalangeal joint
1077. EMAPA:28570 - ureteral mesenchyme outer layer
1078. EMAPA:17704 - pleuro-pericardial canal
1079. EMAPA:18591 - neural retina nerve fibre layer
1080. EMAPA:17705 - pleuro-pericardial canal mesothelial lining
1081. EMAPA:18592 - neural retina nuclear layer
1082. EMAPA:17700 - tail spinal cord
1083. EMAPA:27907 - capillary loop renal corpuscle
1084. EMAPA:28567 - ureteral mesenchyme middle layer
1085. EMAPA:18599 - anterior communicating artery
1086. EMAPA:17708 - pleuro-peritoneal canal mesothelial lining
1087. EMAPA:18593 - nasal meatus
1088. EMAPA:17707 - pleuro-peritoneal canal

1089. EMAPA:18594 - anterior naris
1090. EMAPA:18595 - anterior naris epithelium
1091. EMAPA:17709 - pleuro-peritoneal membrane
1092. EMAPA:18596 - external naris epithelium
1093. EMAPA:26454 - hindlimb digit 3 inter-phalangeal joint
1094. EMAPA:28588 - superficial cell layer of ureter
1095. EMAPA:26448 - hindlimb digit 2 inter-phalangeal joint
1096. EMAPA:18534 - haemolymphoid system
1097. EMAPA:18527 - gluteus maximus
1098. EMAPA:18541 - mammary gland ridge
1099. EMAPA:18543 - 3rd ventricle choroid plexus
1100. EMAPA:18542 - epithalamic recess
1101. EMAPA:18544 - pineal primordium
1102. EMAPA:18535 - spleen primordium
1103. EMAPA:18538 - parotid epithelium
1104. EMAPA:18539 - parotid mesenchyme
1105. EMAPA:18556 - cerebellum intraventricular portion mantle layer
1106. EMAPA:18555 - cerebellum intraventricular portion
1107. EMAPA:18550 - tail of lateral ventricle
1108. EMAPA:18548 - caudate nucleus tail
1109. EMAPA:18549 - head of lateral ventricle
1110. EMAPA:18546 - interthalamic adhesion
1111. EMAPA:18547 - caudate nucleus head
1112. EMAPA:18565 - metencephalon rest of alar plate marginal layer
1113. EMAPA:18564 - metencephalon rest of alar plate mantle layer
1114. EMAPA:18566 - metencephalon rest of alar plate ventricular layer
1115. EMAPA:18561 - rest of cerebellum marginal layer
1116. EMAPA:18560 - rest of cerebellum mantle layer
1117. EMAPA:18563 - metencephalon rest of alar plate
1118. EMAPA:18562 - rest of cerebellum ventricular layer
1119. EMAPA:18557 - cerebellum intraventricular portion marginal layer
1120. EMAPA:18558 - cerebellum intraventricular portion ventricular layer
1121. EMAPA:27967 - visceral epithelium of maturing renal corpuscle
1122. EMAPA:27185 - stomach proventricular region submucosa
1123. EMAPA:27187 - stomach proventricular region muscularis
1124. EMAPA:29196 - degenerating rest of paramesonephric duct of male
1125. EMAPA:27189 - stomach proventricular region serosa
1126. EMAPA:27181 - stomach glandular region gastric gland
1127. EMAPA:27183 - stomach proventricular region mucosa
1128. EMAPA:27197 - stomach proventricular region muscularis mucosa
1129. EMAPA:27195 - stomach proventricular region gastric gland
1130. EMAPA:27199 - stomach pyloric region mucosa
1131. EMAPA:27193 - stomach proventricular region lamina propria
1132. EMAPA:27191 - stomach proventricular region epithelium
1133. EMAPA:18511 - knee rest of mesenchyme
1134. EMAPA:27159 - stomach fundus epithelium
1135. EMAPA:27985 - urinary space of renal corpuscle
1136. EMAPA:27167 - stomach glandular region mucosa
1137. EMAPA:27169 - stomach glandular region submucosa
1138. EMAPA:18507 - plantar pads
1139. EMAPA:18506 - footplate epidermis
1140. EMAPA:27163 - stomach fundus lamina propria
1141. EMAPA:18505 - footplate dermis
1142. EMAPA:18504 - footplate skin
1143. EMAPA:27165 - stomach fundus muscularis mucosa
1144. EMAPA:18502 - tarsus other mesenchyme
1145. EMAPA:27161 - stomach fundus gastric gland
1146. EMAPA:18521 - intercostal muscle
1147. EMAPA:18522 - intercostal muscle external layer
1148. EMAPA:18523 - intercostal muscle internal layer
1149. EMAPA:27973 - Bowman's capsule
1150. EMAPA:27179 - stomach glandular region muscularis mucosa
1151. EMAPA:27177 - stomach glandular region lamina propria
1152. EMAPA:27175 - stomach glandular region epithelium
1153. EMAPA:27173 - stomach glandular region serosa
1154. EMAPA:27171 - stomach glandular region muscularis
1155. EMAPA:16750 - tail mesenchyme derived from neural crest
1156. EMAPA:16751 - tail paraxial mesenchyme
1157. EMAPA:16752 - unsegmented mesenchyme
1158. EMAPA:16743 - tracheal diverticulum vascular element
1159. EMAPA:16742 - tracheal diverticulum epithelium
1160. EMAPA:16745 - mesonephros associated mesenchyme
1161. EMAPA:16747 - mesonephric tubule
1162. EMAPA:16746 - mesonephros non-tubular part
1163. EMAPA:16749 - tail mesenchyme
1164. EMAPA:26172 - cavity of physiological umbilical hernia mesothelium
1165. EMAPA:16755 - tail future spinal cord
1166. EMAPA:16754 - tail central nervous system
1167. EMAPA:16753 - tail nervous system
1168. EMAPA:16757 - tail neural tube
1169. EMAPA:27291 - perineal body mucosa
1170. EMAPA:16774 - pleural component cavity
1171. EMAPA:27299 - perineal body muscularis
1172. EMAPA:27295 - perineal body submucosa

1173. EMAPA:19432 - C2
1174. EMAPA:19431 - C1
1175. EMAPA:16784 - telencephalon ventricular layer
1176. EMAPA:16785 - future midbrain ventricular layer
1177. EMAPA:16782 - diencephalon ventricular layer
1178. EMAPA:16780 - hindlimb bud ectoderm
1179. EMAPA:16781 - hindlimb bud mesenchyme
1180. EMAPA:27287 - gastro-oesophageal junction muscularis mucosa
1181. EMAPA:19419 - C2
1182. EMAPA:26151 - vitelline vein vitelline duct part
1183. EMAPA:27283 - gastro-oesophageal junction lamina propria
1184. EMAPA:19415 - cervical intervertebral disc
1185. EMAPA:19416 - C1
1186. EMAPA:16778 - forelimb bud apical ectodermal ridge
1187. EMAPA:16777 - pleural component visceral mesothelium
1188. EMAPA:16776 - pleural component parietal mesothelium
1189. EMAPA:16775 - pleural component mesothelium
1190. EMAPA:16701 - oesophageal region associated mesenchyme
1191. EMAPA:16702 - oesophageal region epithelium
1192. EMAPA:16703 - oesophageal region mesentery
1193. EMAPA:16705 - oesophageal region vascular element
1194. EMAPA:16707 - pharynx associated mesenchyme
1195. EMAPA:16708 - pharynx epithelium
1196. EMAPA:16709 - pharynx vascular element
1197. EMAPA:16711 - rest of foregut dorsal mesentery
1198. EMAPA:16712 - rest of foregut ventral mesentery
1199. EMAPA:16710 - rest of foregut mesentery
1200. EMAPA:16716 - hindgut associated mesenchyme
1201. EMAPA:16713 - gall bladder primordium
1202. EMAPA:16714 - foregut-midgut junction ventral mesentery
1203. EMAPA:16719 - hindgut dorsal mesentery
1204. EMAPA:16717 - hindgut epithelium
1205. EMAPA:26127 - umbilical cord mesenchyme
1206. EMAPA:16718 - hindgut mesentery
1207. EMAPA:19489 - thoracic intervertebral disc
1208. EMAPA:16730 - left lung rudiment associated mesenchyme
1209. EMAPA:16726 - oral region rest of ectoderm
1210. EMAPA:16720 - hindgut vascular element
1211. EMAPA:16721 - midgut mesentery
1212. EMAPA:16722 - midgut dorsal mesentery
1213. EMAPA:16723 - oral region gland
1214. EMAPA:16741 - tracheal diverticulum associated mesenchyme
1215. EMAPA:16738 - lower respiratory tract
1216. EMAPA:16735 - right lung rudiment epithelium
1217. EMAPA:16736 - right lung rudiment vascular element
1218. EMAPA:16734 - right lung rudiment associated mesenchyme
1219. EMAPA:16731 - left lung rudiment epithelium
1220. EMAPA:16732 - left lung rudiment vascular element
1221. EMAPA:19468 - lumbar intervertebral disc
1222. EMAPA:27227 - anal canal rostral part submucosa
1223. EMAPA:27225 - anal canal rostral part mucosa
1224. EMAPA:27229 - anal canal rostral part epithelium
1225. EMAPA:17028 - hindgut diverticulum postanal component
1226. EMAPA:17029 - hindgut diverticulum postanal component associated mesenchyme
1227. EMAPA:28485 - maturing nephron
1228. EMAPA:17032 - hindgut diverticulum preanal component
1229. EMAPA:17031 - hindgut diverticulum postanal component vascular element
1230. EMAPA:17034 - hindgut diverticulum preanal component epithelium
1231. EMAPA:17033 - hindgut diverticulum preanal component associated mesenchyme
1232. EMAPA:17036 - midgut loop
1233. EMAPA:17035 - hindgut diverticulum preanal component vascular element
1234. EMAPA:17038 - midgut loop epithelium
1235. EMAPA:17037 - midgut loop associated mesenchyme
1236. EMAPA:27231 - anal canal rostral part lamina propria
1237. EMAPA:27235 - duodenum mucosa
1238. EMAPA:17030 - hindgut diverticulum postanal component epithelium
1239. EMAPA:27233 - anal canal rostral part gland
1240. EMAPA:27215 - anal canal caudal part mucosa
1241. EMAPA:27217 - anal canal caudal part submucosa
1242. EMAPA:17806 - spinal cord dura mater
1243. EMAPA:17807 - spinal cord pia mater
1244. EMAPA:27219 - anal canal caudal part epithelium
1245. EMAPA:17019 - principal vein of hindlimb
1246. EMAPA:17800 - trigeminal V nerve ophthalmic division
1247. EMAPA:17801 - vestibulocochlear VIII nerve
1248. EMAPA:17018 - principal vein of forelimb
1249. EMAPA:17804 - spinal cord meninges
1250. EMAPA:17805 - spinal cord arachnoid mater
1251. EMAPA:17802 - vestibulocochlear VIII nerve cochlear component
1252. EMAPA:17803 - vestibulocochlear VIII nerve vestibular component
1253. EMAPA:17023 - stomach epithelium
1254. EMAPA:17022 - stomach associated mesenchyme
1255. EMAPA:17027 - stomach vascular element
1256. EMAPA:17024 - stomach mesentery

1257. EMAPA:27221 - anal canal caudal part gland
1258. EMAPA:27223 - anal canal caudal part lamina propria
1259. EMAPA:27209 - stomach pyloric region lamina propria
1260. EMAPA:27207 - stomach pyloric region epithelium
1261. EMAPA:17817 - labyrinth epithelium
1262. EMAPA:27205 - stomach pyloric region serosa
1263. EMAPA:17819 - crus commune associated mesenchyme
1264. EMAPA:17813 - phrenic nerve
1265. EMAPA:17816 - labyrinth associated mesenchyme
1266. EMAPA:17009 - common atrial chamber right part valve
1267. EMAPA:17014 - ascending aorta
1268. EMAPA:17015 - pulmonary trunk
1269. EMAPA:17010 - common atrial chamber right part venous valve
1270. EMAPA:17012 - foramen primum
1271. EMAPA:27213 - stomach pyloric region muscularis mucosa
1272. EMAPA:27211 - stomach pyloric region gastric gland
1273. EMAPA:17822 - lateral semicircular canal associated mesenchyme
1274. EMAPA:17823 - lateral semicircular canal epithelium
1275. EMAPA:17820 - crus commune epithelium
1276. EMAPA:17821 - lateral semicircular canal
1277. EMAPA:17830 - inner canthus
1278. EMAPA:17003 - eye surface ectoderm
1279. EMAPA:17001 - middle ear associated mesenchyme
1280. EMAPA:27201 - stomach pyloric region submucosa
1281. EMAPA:17832 - lower eyelid epithelium
1282. EMAPA:17831 - lower eyelid
1283. EMAPA:17834 - upper eyelid
1284. EMAPA:17833 - lower eyelid mesenchyme
1285. EMAPA:17836 - upper eyelid mesenchyme
1286. EMAPA:17835 - upper eyelid epithelium
1287. EMAPA:17839 - lens anterior epithelium
1288. EMAPA:18830 - thyroid gland lobe
1289. EMAPA:18831 - thyroid gland left lobe
1290. EMAPA:27275 - gastro-oesophageal junction serosa
1291. EMAPA:18822 - pancreas head parenchyma
1292. EMAPA:18821 - ventral pancreatic duct
1293. EMAPA:18824 - pancreas tail
1294. EMAPA:18826 - pancreas tail parenchyma
1295. EMAPA:17072 - metencephalon lateral wall
1296. EMAPA:18825 - dorsal pancreatic duct of pancreas tail
1297. EMAPA:17073 - metencephalon alar plate
1298. EMAPA:18827 - thyroid gland
1299. EMAPA:17075 - metencephalon alar plate mantle layer
1300. EMAPA:17076 - metencephalon alar plate marginal layer
1301. EMAPA:18829 - thyroid gland isthmus
1302. EMAPA:17077 - metencephalon alar plate ventricular layer
1303. EMAPA:17078 - metencephalon basal plate
1304. EMAPA:27271 - gastro-oesophageal junction muscularis
1305. EMAPA:17079 - metencephalon basal plate mantle layer
1306. EMAPA:17840 - lens equatorial epithelium
1307. EMAPA:17841 - lens fibre
1308. EMAPA:17844 - eye skeletal muscle
1309. EMAPA:17843 - posterior lens fibre
1310. EMAPA:17842 - anterior lens fibre
1311. EMAPA:17849 - posterior naris
1312. EMAPA:17848 - external naris
1313. EMAPA:27259 - duodenum muscularis mucosa
1314. EMAPA:18841 - hyoid bone greater horn
1315. EMAPA:18842 - hyoid bone lesser horn
1316. EMAPA:18835 - anal canal epithelium
1317. EMAPA:27263 - gastro-oesophageal junction mucosa
1318. EMAPA:18832 - thyroid gland right lobe
1319. EMAPA:18839 - pharynx skeleton
1320. EMAPA:18837 - anal canal vascular element
1321. EMAPA:27267 - gastro-oesophageal junction submucosa
1322. EMAPA:17061 - somite 39
1323. EMAPA:18836 - anal canal lumen
1324. EMAPA:17066 - pancreas primordium
1325. EMAPA:17067 - pancreas primordium dorsal bud
1326. EMAPA:17065 - foregut-midgut junction gland
1327. EMAPA:17068 - thyroid gland
1328. EMAPA:17850 - posterior naris epithelium
1329. EMAPA:27247 - duodenum serosa
1330. EMAPA:27255 - duodenum lamina propria
1331. EMAPA:18802 - axillary nerve
1332. EMAPA:17057 - somite 38
1333. EMAPA:17860 - internal iliac artery
1334. EMAPA:17863 - foramen secundum
1335. EMAPA:17053 - somite 37
1336. EMAPA:18807 - eye smooth muscle
1337. EMAPA:28407 - collecting duct
1338. EMAPA:17869 - heart valve
1339. EMAPA:28405 - ureteric trunk
1340. EMAPA:17039 - midgut loop mesentery

1341. EMAPA:18820 - pancreas head
1342. EMAPA:27239 - duodenum submucosa
1343. EMAPA:17040 - midgut loop dorsal mesentery
1344. EMAPA:18817 - pancreas body
1345. EMAPA:27243 - duodenum muscularis
1346. EMAPA:17041 - midgut loop vascular element
1347. EMAPA:18815 - gut gland
1348. EMAPA:18814 - submandibular gland mesenchyme
1349. EMAPA:18813 - submandibular gland epithelium
1350. EMAPA:18811 - sublingual gland mesenchyme
1351. EMAPA:18810 - sublingual gland epithelium
1352. EMAPA:17049 - somite 36
1353. EMAPA:17046 - rest of midgut dorsal mesentery
1354. EMAPA:17871 - mitral valve
1355. EMAPA:17047 - rest of midgut vascular element
1356. EMAPA:17044 - rest of midgut epithelium
1357. EMAPA:17045 - rest of midgut mesentery
1358. EMAPA:18819 - pancreas body parenchyma
1359. EMAPA:17043 - rest of midgut associated mesenchyme
1360. EMAPA:18818 - dorsal pancreatic duct of pancreas body
1361. EMAPA:17894 - perineal body epithelium
1362. EMAPA:17893 - perineal body associated mesenchyme
1363. EMAPA:17895 - perineal body vascular element
1364. EMAPA:25042 - spinal cord lumen
1365. EMAPA:25043 - proctodaeum
1366. EMAPA:18878 - tongue mesenchyme
1367. EMAPA:18879 - tongue skeletal muscle
1368. EMAPA:25037 - Rathke's pouch lumen
1369. EMAPA:25036 - Rathke's pouch wall
1370. EMAPA:18886 - tongue intrinsic skeletal muscle transverse component
1371. EMAPA:25038 - proctodaeum
1372. EMAPA:18885 - tongue intrinsic skeletal muscle
1373. EMAPA:18880 - tongue extrinsic skeletal muscle
1374. EMAPA:17886 - stomach fundus
1375. EMAPA:17887 - stomach fundus associated mesenchyme
1376. EMAPA:17888 - stomach fundus epithelium
1377. EMAPA:17889 - stomach fundus vascular element
1378. EMAPA:17885 - hyoid pre-cartilage condensation
1379. EMAPA:17884 - tongue extrinsic pre-muscle mass
1380. EMAPA:17883 - tongue skeletal muscle
1381. EMAPA:17882 - tongue mesenchyme
1382. EMAPA:17881 - tongue epithelium
1383. EMAPA:25052 - humerus deltoid tuberosity
1384. EMAPA:25053 - tendon of biceps brachii
1385. EMAPA:25050 - humerus head
1386. EMAPA:18869 - pharynx lumen
1387. EMAPA:25051 - humerus shaft
1388. EMAPA:25057 - forelimb digit 1 metacarpo-phalangeal joint
1389. EMAPA:18868 - pharynx epithelium
1390. EMAPA:25054 - long head of tendon of biceps brachii
1391. EMAPA:25055 - short head of tendon of biceps brachii
1392. EMAPA:18866 - oesophagus vascular element
1393. EMAPA:25049 - humerus crest
1394. EMAPA:25048 - diaphragm right dome
1395. EMAPA:25047 - diaphragm left dome
1396. EMAPA:18872 - tongue epithelium
1397. EMAPA:18857 - gastro-oesophageal junction epithelium
1398. EMAPA:18858 - gastro-oesophageal junction lumen
1399. EMAPA:18859 - gastro-oesophageal junction vascular element
1400. EMAPA:18862 - oesophagus epithelium
1401. EMAPA:18864 - oesophagus mesentery
1402. EMAPA:18863 - oesophagus lumen
1403. EMAPA:25034 - pleuro-peritoneal canal cavity
1404. EMAPA:25032 - pleuro-peritoneal canal mesothelium
1405. EMAPA:18843 - hyoid bone body
1406. EMAPA:25033 - pleuro-peritoneal canal parietal mesothelium
1407. EMAPA:25031 - pleuro-peritoneal canal
1408. EMAPA:18853 - duodenal papilla
1409. EMAPA:18852 - duodenum
1410. EMAPA:17899 - rectum vascular element
1411. EMAPA:17897 - rectum associated mesenchyme
1412. EMAPA:17898 - rectum epithelium
1413. EMAPA:25084 - cerebellum lateral part mantle layer
1414. EMAPA:25083 - cerebellum lateral part
1415. EMAPA:25086 - cerebellum lateral part ventricular layer
1416. EMAPA:25085 - cerebellum lateral part marginal layer
1417. EMAPA:25088 - optic disc
1418. EMAPA:25081 - diencephalon cisterna chiasmatica
1419. EMAPA:25097 - tongue gland
1420. EMAPA:25096 - oropharynx gland duct
1421. EMAPA:25095 - oropharynx gland
1422. EMAPA:25099 - lower jaw alveolar canal
1423. EMAPA:25098 - tongue gland duct
1424. EMAPA:25093 - turbinate bone

1425. EMAPA:25091 - nasal septum cartilage
1426. EMAPA:25066 - forelimb digit 4 metacarpo-phalangeal joint
1427. EMAPA:18899 - stomach glandular region epithelium
1428. EMAPA:25065 - forelimb digit 3 epiphyseal plate
1429. EMAPA:25068 - forelimb digit 4 epiphyseal plate
1430. EMAPA:25067 - forelimb digit 4 inter-phalangeal joint
1431. EMAPA:25062 - forelimb digit 2 epiphyseal plate
1432. EMAPA:25061 - forelimb digit 2 inter-phalangeal joint
1433. EMAPA:25064 - forelimb digit 3 inter-phalangeal joint
1434. EMAPA:25063 - forelimb digit 3 metacarpo-phalangeal joint
1435. EMAPA:25060 - forelimb digit 2 metacarpo-phalangeal joint
1436. EMAPA:25058 - forelimb digit 1 inter-phalangeal joint
1437. EMAPA:25059 - forelimb digit 1 epiphyseal plate
1438. EMAPA:25079 - diencephalon subarachnoid space
1439. EMAPA:18888 - pharynx vascular element
1440. EMAPA:18887 - tongue intrinsic skeletal muscle vertical component
1441. EMAPA:25071 - forelimb digit 5 epiphyseal plate
1442. EMAPA:25070 - forelimb digit 5 inter-phalangeal joint
1443. EMAPA:18893 - stomach fundus epithelium
1444. EMAPA:18890 - stomach fundus
1445. EMAPA:18891 - stomach fundus vascular element
1446. EMAPA:18896 - stomach glandular region
1447. EMAPA:18897 - stomach glandular region vascular element
1448. EMAPA:25069 - forelimb digit 5 metacarpo-phalangeal joint
1449. EMAPA:18894 - stomach fundus lumen
1450. EMAPA:16797 - trigeminal V ganglion
1451. EMAPA:16798 - vagus X ganglion
1452. EMAPA:16788 - rhombomere 03 ventricular layer
1453. EMAPA:16789 - rhombomere 04 ventricular layer
1454. EMAPA:16786 - rhombomere 01 ventricular layer
1455. EMAPA:16787 - rhombomere 02 ventricular layer
1456. EMAPA:16795 - glossopharyngeal IX ganglion
1457. EMAPA:16794 - facio-acoustic VII-VIII ganglion complex
1458. EMAPA:16793 - rhombomere 08 ventricular layer
1459. EMAPA:16792 - rhombomere 07 ventricular layer
1460. EMAPA:16791 - rhombomere 06 ventricular layer
1461. EMAPA:16790 - rhombomere 05 ventricular layer
1462. EMAPA:16081 - exocoelomic cavity
1463. EMAPA:16892 - hindlimb bud apical ectodermal ridge
1464. EMAPA:16890 - omental bursa mesothelium
1465. EMAPA:16891 - omental bursa parietal mesothelium
1466. EMAPA:16088 - intraembryonic coelom
1467. EMAPA:16889 - omental bursa
1468. EMAPA:16886 - greater sac cavity
1469. EMAPA:16888 - greater sac parietal mesothelium
1470. EMAPA:16887 - greater sac mesothelium
1471. EMAPA:16070 - definitive endoderm
1472. EMAPA:16075 - node
1473. EMAPA:16899 - infundibular recess of 3rd ventricle
1474. EMAPA:16897 - diencephalon gland
1475. EMAPA:16873 - somite 34
1476. EMAPA:16865 - somite 32
1477. EMAPA:16869 - somite 33
1478. EMAPA:19575 - sacral intervertebral disc
1479. EMAPA:16090 - future brain neural fold
1480. EMAPA:16091 - future brain neural crest
1481. EMAPA:16094 - future spinal cord neural crest
1482. EMAPA:16093 - future spinal cord neural fold
1483. EMAPA:16098 - head mesenchyme
1484. EMAPA:16096 - surface ectoderm
1485. EMAPA:16884 - cervical sinus
1486. EMAPA:16881 - tail neural crest
1487. EMAPA:16877 - somite 35
1488. EMAPA:16851 - main bronchus epithelium
1489. EMAPA:16850 - main bronchus associated mesenchyme
1490. EMAPA:16845 - hepatic duct intrahepatic part
1491. EMAPA:19592 - tail intervertebral disc
1492. EMAPA:16847 - hepatic primordium
1493. EMAPA:16848 - hepatic primordium parenchyma
1494. EMAPA:16842 - gall bladder primordium
1495. EMAPA:16844 - hepatic duct extrahepatic part
1496. EMAPA:16861 - somite 31
1497. EMAPA:16860 - tail somite group
1498. EMAPA:16033 - one-cell stage
1499. EMAPA:28370 - inner medullary collecting duct
1500. EMAPA:26759 - sinus hair follicle
1501. EMAPA:17909 - lower lip
1502. EMAPA:17906 - lower jaw
1503. EMAPA:17905 - rest of hindgut vascular element
1504. EMAPA:26753 - sinus hair bulb
1505. EMAPA:17902 - rest of hindgut epithelium
1506. EMAPA:17901 - rest of hindgut associated mesenchyme
1507. EMAPA:16856 - trachea vascular element
1508. EMAPA:17904 - rest of hindgut dorsal mesentery

1509. EMAPA:16857 - gonad
1510. EMAPA:17903 - rest of hindgut mesentery
1511. EMAPA:16854 - trachea associated mesenchyme
1512. EMAPA:16855 - trachea epithelium
1513. EMAPA:16852 - main bronchus vascular element
1514. EMAPA:17110 - rhombomere 03 marginal layer
1515. EMAPA:17111 - rhombomere 03 ventricular layer
1516. EMAPA:16066 - primary trophoblast giant cells
1517. EMAPA:16065 - extraembryonic ectoderm
1518. EMAPA:17114 - rhombomere 04 floor plate
1519. EMAPA:17115 - rhombomere 04 lateral wall
1520. EMAPA:17112 - rhombomere 03 roof plate
1521. EMAPA:17113 - rhombomere 04
1522. EMAPA:16069 - ectoderm
1523. EMAPA:26771 - vibrissa arrector pili muscle
1524. EMAPA:16062 - endoderm
1525. EMAPA:26765 - sinus hair root sheath
1526. EMAPA:17108 - rhombomere 03 lateral wall
1527. EMAPA:17107 - rhombomere 03 floor plate
1528. EMAPA:16820 - common atrial chamber right part
1529. EMAPA:17106 - rhombomere 03
1530. EMAPA:16821 - common atrial chamber right part cardiac jelly
1531. EMAPA:17105 - rhombomere 02 roof plate
1532. EMAPA:16822 - common atrial chamber right part endocardial lining
1533. EMAPA:16823 - common atrial chamber right part cardiac muscle
1534. EMAPA:16825 - right auricular region endocardial lining
1535. EMAPA:17109 - rhombomere 03 mantle layer
1536. EMAPA:16826 - right auricular region cardiac muscle
1537. EMAPA:28396 - distal straight tubule
1538. EMAPA:16053 - parietal endoderm
1539. EMAPA:17100 - rhombomere 02 floor plate
1540. EMAPA:17101 - rhombomere 02 lateral wall
1541. EMAPA:17102 - rhombomere 02 mantle layer
1542. EMAPA:17103 - rhombomere 02 marginal layer
1543. EMAPA:17104 - rhombomere 02 ventricular layer
1544. EMAPA:28393 - distal convoluted tubule
1545. EMAPA:16050 - epiblast
1546. EMAPA:26775 - hair arrector pili muscle
1547. EMAPA:16838 - oesophagus vascular element
1548. EMAPA:26779 - sinus hair arrector pili muscle
1549. EMAPA:16836 - oesophagus mesentery
1550. EMAPA:16834 - oesophagus associated mesenchyme
1551. EMAPA:16835 - oesophagus epithelium
1552. EMAPA:16804 - frontal process mesenchyme
1553. EMAPA:17934 - primary palate
1554. EMAPA:16803 - frontal process ectoderm
1555. EMAPA:17935 - primary palate epithelium
1556. EMAPA:17936 - primary palate mesenchyme
1557. EMAPA:17937 - upper jaw alveolar sulcus
1558. EMAPA:17127 - rhombomere 06
1559. EMAPA:16800 - olfactory pit
1560. EMAPA:17128 - rhombomere 06 floor plate
1561. EMAPA:17931 - palatal shelf epithelium
1562. EMAPA:17129 - rhombomere 06 lateral wall
1563. EMAPA:17932 - palatal shelf mesenchyme
1564. EMAPA:18025 - pectoral girdle and thoracic body wall skeleton
1565. EMAPA:16809 - medial-nasal process ectoderm
1566. EMAPA:18028 - pelvic girdle skeleton
1567. EMAPA:27327 - rectum muscularis
1568. EMAPA:17938 - upper jaw tooth
1569. EMAPA:18021 - temporal bone squamous part
1570. EMAPA:16807 - latero-nasal process mesenchyme
1571. EMAPA:17939 - upper jaw incisor
1572. EMAPA:16806 - latero-nasal process ectoderm
1573. EMAPA:27331 - rectum serosa
1574. EMAPA:18018 - inter-parietal bone primordium
1575. EMAPA:17135 - rhombomere 07 floor plate
1576. EMAPA:17134 - rhombomere 07
1577. EMAPA:17137 - rhombomere 07 mantle layer
1578. EMAPA:17940 - upper jaw incisor epithelium
1579. EMAPA:17136 - rhombomere 07 lateral wall
1580. EMAPA:17131 - rhombomere 06 marginal layer
1581. EMAPA:17130 - rhombomere 06 mantle layer
1582. EMAPA:17133 - rhombomere 06 roof plate
1583. EMAPA:17132 - rhombomere 06 ventricular layer
1584. EMAPA:16813 - common atrial chamber left part
1585. EMAPA:16815 - common atrial chamber left part endocardial lining
1586. EMAPA:17945 - liver bare area
1587. EMAPA:16814 - common atrial chamber left part cardiac jelly
1588. EMAPA:26716 - vibrissa bulb
1589. EMAPA:17118 - rhombomere 04 ventricular layer
1590. EMAPA:17943 - upper jaw molar epithelium
1591. EMAPA:17119 - rhombomere 04 roof plate
1592. EMAPA:17944 - upper jaw molar mesenchyme

1593. EMAPA:17116 - rhombomere 04 mantle layer
1594. EMAPA:17941 - upper jaw incisor mesenchyme
1595. EMAPA:28328 - thin ascending limb
1596. EMAPA:17117 - rhombomere 04 marginal layer
1597. EMAPA:16810 - medial-nasal process mesenchyme
1598. EMAPA:17942 - upper jaw molar
1599. EMAPA:27319 - rectum mucosa
1600. EMAPA:16817 - left auricular region endocardial lining
1601. EMAPA:16819 - common atrial chamber left part cardiac muscle
1602. EMAPA:27315 - perineal body muscularis mucosa
1603. EMAPA:16818 - left auricular region cardiac muscle
1604. EMAPA:18011 - thoracic vertebra
1605. EMAPA:27323 - rectum submucosa
1606. EMAPA:18009 - sacral vertebral cartilage condensation
1607. EMAPA:18008 - nucleus pulposus
1608. EMAPA:18007 - lumbar vertebra
1609. EMAPA:17126 - rhombomere 05 roof plate
1610. EMAPA:17125 - rhombomere 05 ventricular layer
1611. EMAPA:17124 - rhombomere 05 marginal layer
1612. EMAPA:17123 - rhombomere 05 mantle layer
1613. EMAPA:17122 - rhombomere 05 lateral wall
1614. EMAPA:17121 - rhombomere 05 floor plate
1615. EMAPA:28331 - premacula segment of distal straight tubule
1616. EMAPA:17120 - rhombomere 05
1617. EMAPA:17149 - neural tube alar columns
1618. EMAPA:28358 - bend of loop of Henle inner medullary portion
1619. EMAPA:17910 - lower jaw skeleton
1620. EMAPA:17912 - mandible mesenchyme
1621. EMAPA:18042 - tail skeleton
1622. EMAPA:17916 - lower jaw mesenchyme
1623. EMAPA:18043 - axial skeleton tail region
1624. EMAPA:17917 - lower jaw tooth
1625. EMAPA:18044 - tail vertebral cartilage condensation
1626. EMAPA:27347 - jejunum mucosa
1627. EMAPA:17918 - lower jaw incisor
1628. EMAPA:18045 - tail vertebral pre-cartilage condensation
1629. EMAPA:26720 - vibrissa follicle
1630. EMAPA:17919 - lower jaw incisor epithelium
1631. EMAPA:18046 - diaphragm dome
1632. EMAPA:18047 - peritoneal component left hepatic recess
1633. EMAPA:18048 - omental bursa inferior recess
1634. EMAPA:18049 - omental bursa superior recess
1635. EMAPA:26724 - vibrissa root sheath
1636. EMAPA:27351 - jejunum submucosa
1637. EMAPA:27355 - jejunum muscularis
1638. EMAPA:17151 - neural tube marginal layer
1639. EMAPA:17150 - neural tube basal columns
1640. EMAPA:28364 - inner medullary interstitium
1641. EMAPA:17153 - inferior glossopharyngeal IX ganglion
1642. EMAPA:17152 - neural tube ventricular layer
1643. EMAPA:17155 - inferior vagus X ganglion
1644. EMAPA:28361 - thin ascending limb
1645. EMAPA:17154 - superior glossopharyngeal IX ganglion
1646. EMAPA:17157 - sympathetic ganglion
1647. EMAPA:17156 - superior vagus X ganglion
1648. EMAPA:17159 - accessory XI nerve
1649. EMAPA:17158 - thoracic ganglion
1650. EMAPA:17921 - lower jaw molar
1651. EMAPA:17922 - lower jaw molar epithelium
1652. EMAPA:28349 - inner medulla
1653. EMAPA:17138 - rhombomere 07 marginal layer
1654. EMAPA:17139 - rhombomere 07 ventricular layer
1655. EMAPA:17920 - lower jaw incisor mesenchyme
1656. EMAPA:17925 - upper lip
1657. EMAPA:18030 - somite 53
1658. EMAPA:17923 - lower jaw molar mesenchyme
1659. EMAPA:17924 - upper jaw
1660. EMAPA:17929 - upper jaw mesenchyme
1661. EMAPA:18034 - somite 54
1662. EMAPA:17927 - upper jaw skeleton
1663. EMAPA:18038 - somite 55
1664. EMAPA:27339 - rectum lamina propria
1665. EMAPA:17140 - rhombomere 07 roof plate
1666. EMAPA:27343 - rectum muscularis mucosa
1667. EMAPA:17144 - rhombomere 08 mantle layer
1668. EMAPA:17143 - rhombomere 08 lateral wall
1669. EMAPA:17142 - rhombomere 08 floor plate
1670. EMAPA:17141 - rhombomere 08
1671. EMAPA:17148 - neural tube mantle layer
1672. EMAPA:17147 - rhombomere 08 roof plate
1673. EMAPA:17146 - rhombomere 08 ventricular layer
1674. EMAPA:17145 - rhombomere 08 marginal layer
1675. EMAPA:17975 - germ cell of testis
1676. EMAPA:17178 - foregut duodenum

1677. EMAPA:17981 - right lung accessory lobe
1678. EMAPA:17179 - duodenum rostral part
1679. EMAPA:17982 - right lung accessory lobe lobar bronchus
1680. EMAPA:17983 - right lung accessory lobe lobar bronchus associated mesenchyme
1681. EMAPA:17984 - right lung accessory lobe lobar bronchus epithelium
1682. EMAPA:17176 - visceral pericardium
1683. EMAPA:17980 - left lung hilus
1684. EMAPA:17170 - intraretinal space
1685. EMAPA:17172 - pigmented retinal epithelium
1686. EMAPA:27375 - colon mucosa
1687. EMAPA:17173 - foramen primum
1688. EMAPA:27371 - jejunum muscularis mucosa
1689. EMAPA:27359 - jejunum serosa
1690. EMAPA:17989 - right lung caudal lobe lobar bronchus epithelium
1691. EMAPA:17988 - right lung caudal lobe lobar bronchus associated mesenchyme
1692. EMAPA:17987 - right lung caudal lobe lobar bronchus
1693. EMAPA:17986 - right lung caudal lobe
1694. EMAPA:17985 - right lung accessory lobe lobar bronchus vascular element
1695. EMAPA:17994 - right lung cranial lobe lobar bronchus epithelium
1696. EMAPA:17995 - right lung cranial lobe lobar bronchus vascular element
1697. EMAPA:17992 - right lung cranial lobe lobar bronchus
1698. EMAPA:17993 - right lung cranial lobe lobar bronchus associated mesenchyme
1699. EMAPA:17165 - lens vesicle epithelium
1700. EMAPA:17990 - right lung caudal lobe lobar bronchus vascular element
1701. EMAPA:17166 - optic fissure
1702. EMAPA:17991 - right lung cranial lobe
1703. EMAPA:17164 - lens vesicle cavity
1704. EMAPA:17162 - cornea epithelium
1705. EMAPA:27367 - jejunum lamina propria
1706. EMAPA:17160 - accessory XI nerve spinal component
1707. EMAPA:25100 - mandible ramus
1708. EMAPA:25128 - scapula inferior angle
1709. EMAPA:18000 - right lung middle lobe lobar bronchus epithelium
1710. EMAPA:25129 - scapula superior angle
1711. EMAPA:18001 - right lung middle lobe lobar bronchus vascular element
1712. EMAPA:25124 - scapula border
1713. EMAPA:25125 - scapula angle
1714. EMAPA:25126 - scapula lateral border
1715. EMAPA:25127 - scapula medial border
1716. EMAPA:17953 - nephrogenic interstitium
1717. EMAPA:17956 - phallic urethra of male
1718. EMAPA:17196 - duodenum caudal part epithelium
1719. EMAPA:17197 - duodenum caudal part mesentery
1720. EMAPA:17198 - duodenum caudal part mesoduodenum
1721. EMAPA:17199 - duodenum caudal part vascular element
1722. EMAPA:27395 - colon lamina propria
1723. EMAPA:17190 - lateral lingual swelling epithelium
1724. EMAPA:17191 - lateral lingual swelling mesenchyme
1725. EMAPA:17192 - median lingual swelling mesenchyme
1726. EMAPA:27399 - colon muscularis mucosa
1727. EMAPA:17193 - midgut duodenum
1728. EMAPA:17194 - duodenum caudal part
1729. EMAPA:17195 - duodenum caudal part associated mesenchyme
1730. EMAPA:27379 - colon submucosa
1731. EMAPA:25113 - occipital bone squamous part
1732. EMAPA:25114 - ethmoid bone perpendicular plate
1733. EMAPA:17963 - surface epithelium of ovary
1734. EMAPA:17969 - genital tubercle of male
1735. EMAPA:17187 - median lingual swelling
1736. EMAPA:17188 - median lingual swelling epithelium
1737. EMAPA:17185 - tongue
1738. EMAPA:17189 - lateral lingual swelling
1739. EMAPA:27383 - colon muscularis
1740. EMAPA:25123 - scapula spine
1741. EMAPA:17180 - duodenum rostral part associated mesenchyme
1742. EMAPA:27387 - colon serosa
1743. EMAPA:17183 - duodenum rostral part mesoduodenum
1744. EMAPA:18718 - superior orbital fissure
1745. EMAPA:17184 - duodenum rostral part vascular element
1746. EMAPA:17181 - duodenum rostral part epithelium
1747. EMAPA:18716 - optic foramen
1748. EMAPA:17182 - duodenum rostral part mesentery
1749. EMAPA:18715 - parietal bone
1750. EMAPA:18734 - forelimb digit 1 claw
1751. EMAPA:17081 - metencephalon basal plate ventricular layer
1752. EMAPA:18735 - forelimb digit 2 claw
1753. EMAPA:17080 - metencephalon basal plate marginal layer
1754. EMAPA:18736 - forelimb digit 3 claw
1755. EMAPA:17083 - myelencephalon lateral wall
1756. EMAPA:18737 - forelimb digit 4 claw
1757. EMAPA:18738 - forelimb digit 5 claw
1758. EMAPA:25140 - lateral pterygoid
1759. EMAPA:17085 - myelencephalon alar plate mantle layer
1760. EMAPA:18739 - hindlimb digit 1 claw

1761. EMAPA:25141 - medial pterygoid
1762. EMAPA:17084 - myelencephalon alar plate
1763. EMAPA:17087 - myelencephalon alar plate ventricular layer
1764. EMAPA:17086 - myelencephalon alar plate marginal layer
1765. EMAPA:17089 - myelencephalon basal plate mantle layer
1766. EMAPA:17088 - myelencephalon basal plate
1767. EMAPA:18741 - hindlimb digit 3 claw
1768. EMAPA:18740 - hindlimb digit 2 claw
1769. EMAPA:18743 - hindlimb digit 5 claw
1770. EMAPA:18742 - hindlimb digit 4 claw
1771. EMAPA:17092 - rhombomere 01
1772. EMAPA:17091 - myelencephalon basal plate ventricular layer
1773. EMAPA:18725 - xiphisternum
1774. EMAPA:17090 - myelencephalon basal plate marginal layer
1775. EMAPA:17096 - rhombomere 01 marginal layer
1776. EMAPA:17095 - rhombomere 01 mantle layer
1777. EMAPA:18729 - jejunum lumen
1778. EMAPA:17094 - rhombomere 01 lateral wall
1779. EMAPA:17093 - rhombomere 01 floor plate
1780. EMAPA:17099 - rhombomere 02
1781. EMAPA:17098 - rhombomere 01 roof plate
1782. EMAPA:17097 - rhombomere 01 ventricular layer
1783. EMAPA:25149 - tail segmental spinal nerve
1784. EMAPA:25148 - tail nerve
1785. EMAPA:18731 - pleural component cavity
1786. EMAPA:18763 - inferior thyroid vein
1787. EMAPA:18764 - superior thyroid vein
1788. EMAPA:18761 - superior epigastric vein
1789. EMAPA:18760 - inferior epigastric vein
1790. EMAPA:17998 - right lung middle lobe lobar bronchus
1791. EMAPA:17999 - right lung middle lobe lobar bronchus associated mesenchyme
1792. EMAPA:17996 - right lung hilus
1793. EMAPA:17997 - right lung middle lobe
1794. EMAPA:18752 - superior epigastric artery
1795. EMAPA:18751 - inferior epigastric artery
1796. EMAPA:18778 - pineal gland
1797. EMAPA:18779 - anterior horn of lateral ventricle choroid plexus
1798. EMAPA:18780 - lateral ventricle inferior horn choroid plexus
1799. EMAPA:18781 - posterior horn of lateral ventricle choroid plexus
1800. EMAPA:18782 - superior horn of lateral ventricle choroid plexus
1801. EMAPA:18784 - head of lateral ventricle choroid plexus
1802. EMAPA:18785 - tail of lateral ventricle choroid plexus
1803. EMAPA:18786 - medulla oblongata rest of basal plate
1804. EMAPA:18787 - medulla oblongata rest of basal plate mantle layer
1805. EMAPA:18769 - hair
1806. EMAPA:18766 - haemolymphoid system gland
1807. EMAPA:18771 - hair follicle
1808. EMAPA:18772 - hair root sheath
1809. EMAPA:18770 - hair bulb
1810. EMAPA:18799 - temporal lobe ventricular layer
1811. EMAPA:27311 - perineal body lamina propria
1812. EMAPA:18789 - medulla oblongata rest of basal plate ventricular layer
1813. EMAPA:18788 - medulla oblongata rest of basal plate marginal layer
1814. EMAPA:27307 - perineal body epithelium
1815. EMAPA:18798 - temporal lobe marginal layer
1816. EMAPA:27303 - perineal body serosa
1817. EMAPA:18791 - medullary raphe marginal layer
1818. EMAPA:18792 - medullary raphe ventricular layer
1819. EMAPA:18790 - medullary raphe mantle layer
1820. EMAPA:31859 - polar body group
1821. EMAPA:31857 - trunk
1822. EMAPA:31858 - head
1823. EMAPA:31864 - 4-cell stage
1824. EMAPA:31865 - 8-cell stage
1825. EMAPA:26220 - pancreas associated mesenchyme
1826. EMAPA:17229 - somite 43
1827. EMAPA:19252 - large intestine
1828. EMAPA:19255 - midgut derived large intestine associated mesenchyme
1829. EMAPA:19256 - hindgut derived large intestine associated mesenchyme
1830. EMAPA:19257 - midgut derived large intestine epithelium
1831. EMAPA:19258 - midgut derived large intestine lumen
1832. EMAPA:19259 - midgut derived large intestine mesentery
1833. EMAPA:28287 - renal proximal convoluted tubule
1834. EMAPA:17233 - somite 44
1835. EMAPA:17216 - cervical vertebral pre-cartilage condensation
1836. EMAPA:17215 - axial skeleton cervical region
1837. EMAPA:17217 - somite 40
1838. EMAPA:31247 - follicle cell of primordial follicle
1839. EMAPA:19244 - lens posterior suture
1840. EMAPA:19242 - hyaloid artery
1841. EMAPA:19243 - lens embryonic nucleus
1842. EMAPA:19248 - pancreas tail islets of Langerhans
1843. EMAPA:19246 - pancreas body islets of Langerhans
1844. EMAPA:19247 - pancreas head islets of Langerhans

1845. EMAPA:30819 - clitoris
1846. EMAPA:17221 - somite 41
1847. EMAPA:17225 - somite 42
1848. EMAPA:17205 - stomach pyloric region muscularis
1849. EMAPA:19236 - arcuate ligament
1850. EMAPA:19237 - medial arcuate ligament
1851. EMAPA:19238 - lateral arcuate ligament
1852. EMAPA:19234 - inferior petrosal sinus
1853. EMAPA:17213 - skeleton
1854. EMAPA:28269 - part of afferent arteriole forming the juxtaglomerular complex
1855. EMAPA:29794 - anterior prostate gland
1856. EMAPA:28263 - urinary space of renal corpuscle
1857. EMAPA:28257 - Bowman's capsule
1858. EMAPA:17202 - gall bladder
1859. EMAPA:17203 - liver parenchyma
1860. EMAPA:28254 - visceral epithelium of mature renal corpuscle
1861. EMAPA:16509 - rhombomere 08 floor plate
1862. EMAPA:16508 - rhombomere 08
1863. EMAPA:16501 - rhombomere 06 floor plate
1864. EMAPA:16500 - rhombomere 06
1865. EMAPA:16503 - rhombomere 06 roof plate
1866. EMAPA:16502 - rhombomere 06 lateral wall
1867. EMAPA:16505 - rhombomere 07 floor plate
1868. EMAPA:16504 - rhombomere 07
1869. EMAPA:16507 - rhombomere 07 roof plate
1870. EMAPA:16506 - rhombomere 07 lateral wall
1871. EMAPA:16510 - rhombomere 08 lateral wall
1872. EMAPA:19201 - ethmoid bone cribriform plate
1873. EMAPA:16519 - future diencephalon roof plate
1874. EMAPA:19205 - radio-carpal joint
1875. EMAPA:19204 - forelimb joint
1876. EMAPA:16513 - prosencephalon floor plate
1877. EMAPA:16512 - prosencephalon
1878. EMAPA:16511 - rhombomere 08 roof plate
1879. EMAPA:16518 - future diencephalon neural crest
1880. EMAPA:16517 - future diencephalon lateral wall
1881. EMAPA:16516 - future diencephalon floor plate
1882. EMAPA:16515 - 3rd ventricle
1883. EMAPA:16520 - prosencephalon lateral wall
1884. EMAPA:16526 - caudal neuropore
1885. EMAPA:16529 - future spinal cord neural crest
1886. EMAPA:16523 - rostral neuropore
1887. EMAPA:16522 - prosencephalon roof plate
1888. EMAPA:16524 - prosencephalon neural crest
1889. EMAPA:16531 - neural tube floor plate
1890. EMAPA:16532 - neural tube lateral wall
1891. EMAPA:16539 - optic eminence surface ectoderm
1892. EMAPA:16538 - otic pit epithelium
1893. EMAPA:16537 - otic pit associated mesenchyme
1894. EMAPA:16535 - neural tube roof plate
1895. EMAPA:29735 - basal epidermal layer of scrotum
1896. EMAPA:16533 - neural lumen
1897. EMAPA:29741 - dermal layer of scrotum hair follicle
1898. EMAPA:29743 - dermal layer of scrotum sweat gland
1899. EMAPA:16541 - optic vesicle neural ectoderm
1900. EMAPA:18117 - hindlimb digit 3 phalanx cartilage condensation
1901. EMAPA:18118 - hindlimb digit 3 skin
1902. EMAPA:18119 - hindlimb digit 3 dermis
1903. EMAPA:18121 - hindlimb digit 4 metatarsus cartilage condensation
1904. EMAPA:18120 - hindlimb digit 3 epidermis
1905. EMAPA:18123 - hindlimb digit 4 skin
1906. EMAPA:18122 - hindlimb digit 4 phalanx cartilage condensation
1907. EMAPA:18125 - hindlimb digit 4 epidermis
1908. EMAPA:18124 - hindlimb digit 4 dermis
1909. EMAPA:18127 - hindlimb digit 5 phalanx cartilage condensation
1910. EMAPA:18126 - hindlimb digit 5 metatarsus cartilage condensation
1911. EMAPA:18108 - hindlimb digit 1 skin
1912. EMAPA:18109 - hindlimb digit 1 dermis
1913. EMAPA:18106 - hindlimb digit 1 metatarsus cartilage condensation
1914. EMAPA:18107 - hindlimb digit 1 phalanx cartilage condensation
1915. EMAPA:18112 - hindlimb digit 2 phalanx cartilage condensation
1916. EMAPA:18111 - hindlimb digit 2 metatarsus cartilage condensation
1917. EMAPA:18110 - hindlimb digit 1 epidermis
1918. EMAPA:18116 - hindlimb digit 3 metatarsus cartilage condensation
1919. EMAPA:18115 - hindlimb digit 2 epidermis
1920. EMAPA:18114 - hindlimb digit 2 dermis
1921. EMAPA:18113 - hindlimb digit 2 skin
1922. EMAPA:27499 - stomach pyloric region mucosa
1923. EMAPA:17291 - sacculle associated mesenchyme
1924. EMAPA:17292 - sacculle epithelium
1925. EMAPA:17294 - utricle associated mesenchyme
1926. EMAPA:27495 - stomach proventricular region muscularis mucosa
1927. EMAPA:27491 - stomach proventricular region gastric gland
1928. EMAPA:17299 - superior semicircular canal

1929. EMAPA:17295 - utricle epithelium
1930. EMAPA:17296 - posterior semicircular canal
1931. EMAPA:17297 - posterior semicircular canal associated mesenchyme
1932. EMAPA:17298 - posterior semicircular canal epithelium
1933. EMAPA:18103 - handplate rest of skin
1934. EMAPA:18102 - carpus cartilage condensation
1935. EMAPA:18105 - handplate rest of skin epidermis
1936. EMAPA:18104 - handplate rest of skin dermis
1937. EMAPA:18101 - interdigital region between forelimb digits 4 and 5 epidermis
1938. EMAPA:18100 - interdigital region between forelimb digits 4 and 5 dermis
1939. EMAPA:17282 - future tympanic membrane epithelium
1940. EMAPA:17283 - endolymphatic appendage
1941. EMAPA:17280 - auditory hillocks
1942. EMAPA:27487 - stomach proventricular region lamina propria
1943. EMAPA:17281 - future tympanic membrane
1944. EMAPA:17288 - ductus reuniens associated mesenchyme
1945. EMAPA:17289 - ductus reuniens epithelium
1946. EMAPA:17286 - inner ear vestibular component
1947. EMAPA:17284 - endolymphatic appendage associated mesenchyme
1948. EMAPA:17285 - endolymphatic appendage epithelium
1949. EMAPA:27479 - stomach proventricular region serosa
1950. EMAPA:27471 - stomach proventricular region submucosa
1951. EMAPA:17270 - parasympathetic nervous system
1952. EMAPA:27475 - stomach proventricular region muscularis
1953. EMAPA:17271 - parasympathetic nerve
1954. EMAPA:27467 - stomach proventricular region mucosa
1955. EMAPA:18167 - axial skeletal muscle
1956. EMAPA:28239 - glomerular tuft
1957. EMAPA:18160 - upper leg dermis
1958. EMAPA:18161 - upper leg epidermis
1959. EMAPA:17265 - accessory XI nerve
1960. EMAPA:17264 - cranial nerve
1961. EMAPA:17263 - central nervous system nerve
1962. EMAPA:17262 - midbrain roof
1963. EMAPA:17268 - glossopharyngeal IX nerve
1964. EMAPA:28236 - mature renal corpuscle
1965. EMAPA:17267 - accessory XI nerve spinal component
1966. EMAPA:17266 - accessory XI nerve cranial component
1967. EMAPA:27463 - stomach glandular region muscularis mucosa
1968. EMAPA:17261 - myelencephalon roof plate
1969. EMAPA:17260 - myelencephalon floor plate
1970. EMAPA:18155 - tibia cartilage condensation
1971. EMAPA:18156 - lower leg skin
1972. EMAPA:27459 - stomach glandular region gastric gland
1973. EMAPA:18153 - knee epidermis
1974. EMAPA:18154 - fibular cartilage condensation
1975. EMAPA:18159 - upper leg skin
1976. EMAPA:18157 - lower leg dermis
1977. EMAPA:18158 - lower leg epidermis
1978. EMAPA:17259 - metencephalon roof
1979. EMAPA:18151 - knee skin
1980. EMAPA:18152 - knee dermis
1981. EMAPA:18150 - hip epidermis
1982. EMAPA:17256 - pancreas primordium ventral bud
1983. EMAPA:17255 - leg mesenchyme
1984. EMAPA:17258 - metencephalon floor plate
1985. EMAPA:17257 - 4th ventricle lateral recess
1986. EMAPA:17252 - footplate mesenchyme
1987. EMAPA:17251 - hindlimb bud apical ectodermal ridge
1988. EMAPA:17254 - leg ectoderm
1989. EMAPA:27455 - stomach glandular region lamina propria
1990. EMAPA:17250 - footplate ectoderm
1991. EMAPA:18139 - interdigital region between hindlimb digits 3 and 4 epidermis
1992. EMAPA:18146 - footplate rest of skin dermis
1993. EMAPA:18147 - footplate rest of skin epidermis
1994. EMAPA:18148 - hip skin
1995. EMAPA:18149 - hip dermis
1996. EMAPA:18142 - interdigital region between hindlimb digits 4 and 5 epidermis
1997. EMAPA:27447 - stomach glandular region serosa
1998. EMAPA:18145 - footplate rest of skin
1999. EMAPA:18140 - interdigital region between hindlimb digits 4 and 5 skin
2000. EMAPA:18141 - interdigital region between hindlimb digits 4 and 5 dermis
2001. EMAPA:17248 - handplate mesenchyme
2002. EMAPA:17249 - footplate
2003. EMAPA:17247 - forelimb bud apical ectodermal ridge
2004. EMAPA:17246 - handplate ectoderm
2005. EMAPA:17245 - handplate
2006. EMAPA:17244 - arm mesenchyme
2007. EMAPA:17243 - arm ectoderm
2008. EMAPA:27443 - stomach glandular region muscularis
2009. EMAPA:18129 - hindlimb digit 5 dermis
2010. EMAPA:18128 - hindlimb digit 5 skin
2011. EMAPA:27439 - stomach glandular region submucosa
2012. EMAPA:18137 - interdigital region between hindlimb digits 3 and 4 skin

2013. EMAPA:18138 - interdigital region between hindlimb digits 3 and 4 dermis
 2014. EMAPA:18135 - interdigital region between hindlimb digits 2 and 3 dermis
 2015. EMAPA:18136 - interdigital region between hindlimb digits 2 and 3 epidermis
 2016. EMAPA:27435 - stomach glandular region mucosa
 2017. EMAPA:18133 - interdigital region between hindlimb digits 1 and 2 epidermis
 2018. EMAPA:18134 - interdigital region between hindlimb digits 2 and 3 skin
 2019. EMAPA:18131 - interdigital region between hindlimb digits 1 and 2 skin
 2020. EMAPA:18132 - interdigital region between hindlimb digits 1 and 2 dermis
 2021. EMAPA:18130 - hindlimb digit 5 epidermis
 2022. EMAPA:17237 - somite 45
 2023. EMAPA:18073 - forelimb digit 2 dermis
 2024. EMAPA:18072 - forelimb digit 2 skin
 2025. EMAPA:18075 - forelimb digit 3 metacarpus cartilage condensation
 2026. EMAPA:18074 - forelimb digit 2 epidermis
 2027. EMAPA:18071 - forelimb digit 2 phalanx cartilage condensation
 2028. EMAPA:18070 - forelimb digit 2 metacarpus cartilage condensation
 2029. EMAPA:18077 - forelimb digit 3 skin
 2030. EMAPA:27415 - stomach fundus serosa
 2031. EMAPA:18076 - forelimb digit 3 phalanx cartilage condensation
 2032. EMAPA:18079 - forelimb digit 3 epidermis
 2033. EMAPA:18078 - forelimb digit 3 dermis
 2034. EMAPA:18086 - forelimb digit 5 phalanx cartilage condensation
 2035. EMAPA:18085 - forelimb digit 5 metacarpus cartilage condensation
 2036. EMAPA:18084 - forelimb digit 4 epidermis
 2037. EMAPA:18083 - forelimb digit 4 dermis
 2038. EMAPA:18082 - forelimb digit 4 skin
 2039. EMAPA:18081 - forelimb digit 4 phalanx cartilage condensation
 2040. EMAPA:18080 - forelimb digit 4 metacarpus cartilage condensation
 2041. EMAPA:27427 - stomach fundus gastric gland
 2042. EMAPA:27423 - stomach fundus lamina propria
 2043. EMAPA:18089 - forelimb digit 5 epidermis
 2044. EMAPA:18088 - forelimb digit 5 dermis
 2045. EMAPA:18087 - forelimb digit 5 skin
 2046. EMAPA:27431 - stomach fundus muscularis mucosa
 2047. EMAPA:18051 - elbow skin
 2048. EMAPA:18050 - peritoneal component right hepatic recess
 2049. EMAPA:18053 - elbow epidermis
 2050. EMAPA:18052 - elbow dermis
 2051. EMAPA:18057 - forearm dermis
 2052. EMAPA:18056 - forearm skin
 2053. EMAPA:18059 - shoulder skin
 2054. EMAPA:18058 - forearm epidermis
 2055. EMAPA:18060 - shoulder dermis
 2056. EMAPA:18064 - upper arm epidermis
 2057. EMAPA:18063 - upper arm dermis
 2058. EMAPA:18062 - upper arm skin
 2059. EMAPA:18061 - shoulder epidermis
 2060. EMAPA:18068 - forelimb digit 1 dermis
 2061. EMAPA:18067 - forelimb digit 1 skin
 2062. EMAPA:27403 - stomach fundus mucosa
 2063. EMAPA:18066 - forelimb digit 1 phalanx cartilage condensation
 2064. EMAPA:18065 - forelimb digit 1 metacarpus cartilage condensation
 2065. EMAPA:27407 - stomach fundus submucosa
 2066. EMAPA:18069 - forelimb digit 1 epidermis
 2067. EMAPA:27411 - stomach fundus muscularis
 2068. EMAPA:18098 - interdigital region between forelimb digits 3 and 4 epidermis
 2069. EMAPA:18099 - interdigital region between forelimb digits 4 and 5 skin
 2070. EMAPA:18090 - interdigital region between forelimb digits 1 and 2 skin
 2071. EMAPA:18091 - interdigital region between forelimb digits 1 and 2 dermis
 2072. EMAPA:18092 - interdigital region between forelimb digits 1 and 2 epidermis
 2073. EMAPA:18093 - interdigital region between forelimb digits 2 and 3 skin
 2074. EMAPA:18094 - interdigital region between forelimb digits 2 and 3 dermis
 2075. EMAPA:18095 - interdigital region between forelimb digits 2 and 3 epidermis
 2076. EMAPA:18096 - interdigital region between forelimb digits 3 and 4 skin
 2077. EMAPA:18097 - interdigital region between forelimb digits 3 and 4 dermis
 2078. EMAPA:32268 - superficial cell layer of prostatic urethra
 2079. EMAPA:16563 - biliary bud intrahepatic part
 2080. EMAPA:16562 - biliary bud extrahepatic part
 2081. EMAPA:16564 - foregut-midgut junction epithelium
 2082. EMAPA:16561 - biliary bud
 2083. EMAPA:16560 - thyroid primordium endoderm
 2084. EMAPA:16559 - thyroid primordium associated mesenchyme
 2085. EMAPA:16555 - rest of foregut epithelium
 2086. EMAPA:16556 - rest of foregut vascular element
 2087. EMAPA:16557 - foregut gland
 2088. EMAPA:16554 - rest of foregut associated mesenchyme
 2089. EMAPA:16552 - pharyngeal region vascular element
 2090. EMAPA:16551 - pharyngeal region epithelium
 2091. EMAPA:16550 - pharyngeal region associated mesenchyme
 2092. EMAPA:16546 - atrio-ventricular canal
 2093. EMAPA:16577 - nephric duct
 2094. EMAPA:19180 - seminal vesicle
 2095. EMAPA:19182 - left lung alveolus
 2096. EMAPA:19183 - left lung alveolar duct

2097. EMAPA:19184 - right lung middle lobe alveolus
 2098. EMAPA:19185 - right lung middle lobe alveolar duct
 2099. EMAPA:19186 - right lung cranial lobe alveolus
 2100. EMAPA:19187 - right lung cranial lobe alveolar duct
 2101. EMAPA:19188 - right lung caudal lobe alveolus
 2102. EMAPA:19189 - right lung caudal lobe alveolar duct
 2103. EMAPA:16572 - stomatodaeum gland
 2104. EMAPA:16570 - midgut vascular element
 2105. EMAPA:16576 - genitourinary system associated mesenchyme
 2106. EMAPA:16575 - stomatodaeum rest of ectoderm
 2107. EMAPA:16568 - hindgut diverticulum vascular element
 2108. EMAPA:19192 - trachea smooth muscle
 2109. EMAPA:16569 - midgut epithelium
 2110. EMAPA:16566 - foregut-midgut junction vascular element
 2111. EMAPA:19190 - right lung accessory lobe alveolus
 2112. EMAPA:16567 - hindgut diverticulum epithelium
 2113. EMAPA:19191 - right lung accessory lobe alveolar duct
 2114. EMAPA:19197 - tympanic ring
 2115. EMAPA:19168 - trigeminal V nerve lingual branch
 2116. EMAPA:31169 - somite group
 2117. EMAPA:19161 - mandibular canal
 2118. EMAPA:16597 - trunk mesenchyme derived from neural crest medial migration
 pathway
 2119. EMAPA:16595 - hindlimb ridge mesenchyme
 2120. EMAPA:16596 - trunk mesenchyme derived from neural crest lateral migration
 pathway
 2121. EMAPA:16594 - hindlimb ridge ectoderm
 2122. EMAPA:16591 - peritoneal component parietal mesothelium
 2123. EMAPA:16592 - peritoneal component visceral mesothelium
 2124. EMAPA:16590 - pericardio-peritoneal canal parietal mesothelium
 2125. EMAPA:19176 - rest of interstitium of the testis
 2126. EMAPA:19174 - female external inguinal ring
 2127. EMAPA:31159 - sclerotome group
 2128. EMAPA:19173 - female internal inguinal ring
 2129. EMAPA:19172 - female inguinal ring
 2130. EMAPA:19171 - female inguinal canal
 2131. EMAPA:16589 - pericardial component visceral mesothelium
 2132. EMAPA:16588 - pericardial component parietal mesothelium
 2133. EMAPA:19144 - upper leg skeletal muscle
 2134. EMAPA:19149 - midbrain basal cistern
 2135. EMAPA:31144 - trunk sclerotome group
 2136. EMAPA:30870 - primitive bladder
 2137. EMAPA:19157 - outer nuclear layer
 2138. EMAPA:19156 - intermediate anuclear layer
 2139. EMAPA:19153 - Harderian gland
 2140. EMAPA:19150 - midbrain cisterna chiasmatica
 2141. EMAPA:26987 - oesophagus lamina propria
 2142. EMAPA:26989 - oesophagus muscularis mucosa
 2143. EMAPA:26983 - oesophagus muscularis
 2144. EMAPA:16608 - somite 23
 2145. EMAPA:26985 - oesophagus epithelium
 2146. EMAPA:16604 - somite 22
 2147. EMAPA:17329 - outflow tract aortic component
 2148. EMAPA:17328 - right atrium venous valve
 2149. EMAPA:17327 - right atrium valve
 2150. EMAPA:16600 - somite 21
 2151. EMAPA:17326 - right atrium cardiac muscle
 2152. EMAPA:17325 - right atrium endocardial lining
 2153. EMAPA:17334 - interventricular septum endocardial lining
 2154. EMAPA:17335 - interventricular septum cardiac muscle
 2155. EMAPA:17333 - interventricular septum
 2156. EMAPA:17330 - outflow tract pulmonary component
 2157. EMAPA:29671 - distal straight tubule
 2158. EMAPA:26991 - oesophagus mucosa
 2159. EMAPA:31109 - dermomyotome group
 2160. EMAPA:26995 - oesophagus muscularis
 2161. EMAPA:17319 - left atrium endocardial lining
 2162. EMAPA:16616 - somite 25
 2163. EMAPA:17318 - left atrium auricular region cardiac muscle
 2164. EMAPA:16612 - somite 24
 2165. EMAPA:17317 - left atrium auricular region endocardial lining
 2166. EMAPA:17316 - left atrium auricular region
 2167. EMAPA:28136 - renal cortical interstitium
 2168. EMAPA:16620 - somite 26
 2169. EMAPA:17322 - right atrium auricular region
 2170. EMAPA:17323 - right atrium auricular region endocardial lining
 2171. EMAPA:17324 - right atrium auricular region cardiac muscle
 2172. EMAPA:17320 - left atrium cardiac muscle
 2173. EMAPA:31119 - trunk myocoele group
 2174. EMAPA:29695 - trunk dermomyotome group
 2175. EMAPA:17351 - hyoid pre-cartilage condensation
 2176. EMAPA:17357 - mandibular process mesenchyme
 2177. EMAPA:26020 - right atrium lumen
 2178. EMAPA:17339 - left ventricle cardiac muscle

2179. EMAPA:17338 - left ventricle endocardial lining
2180. EMAPA:28937 - paramesonephric duct of female, mesonephric portion
2181. EMAPA:30150 - ureteral smooth muscle layer interstitium
2182. EMAPA:17341 - right ventricle endocardial lining
2183. EMAPA:29683 - premacula segment of distal straight tubule
2184. EMAPA:17342 - right ventricle cardiac muscle
2185. EMAPA:26011 - left atrium lumen
2186. EMAPA:16644 - optic recess
2187. EMAPA:16643 - diencephalic part of interventricular foramen
2188. EMAPA:16646 - diencephalon gland
2189. EMAPA:16645 - diencephalon floor plate
2190. EMAPA:26038 - left ventricle lumen
2191. EMAPA:26047 - right ventricle lumen
2192. EMAPA:19305 - thymus medullary core
2193. EMAPA:19306 - thymus thin fibrous capsule
2194. EMAPA:19307 - thyroid gland left lobe colloid-filled follicles
2195. EMAPA:19308 - thyroid gland right lobe colloid-filled follicles
2196. EMAPA:16650 - diencephalon lateral wall
2197. EMAPA:29633 - ureteral smooth muscle layer inner longitudinal muscle
2198. EMAPA:16651 - diencephalon roof plate
2199. EMAPA:16652 - telencephalon
2200. EMAPA:16653 - telencephalic vesicle
2201. EMAPA:16659 - cranial ganglion
2202. EMAPA:16658 - central nervous system ganglion
2203. EMAPA:16657 - telencephalon roof plate
2204. EMAPA:16656 - telencephalon lateral wall
2205. EMAPA:16655 - telencephalon floor plate
2206. EMAPA:16654 - telencephalic part of interventricular foramen
2207. EMAPA:19304 - spleen medullary region
2208. EMAPA:19303 - spleen hilum
2209. EMAPA:19302 - metacarpo-phalangeal joint
2210. EMAPA:30917 - phallic urethra of female
2211. EMAPA:17305 - lens vesicle equatorial epithelium
2212. EMAPA:17306 - lens vesicle posterior epithelium
2213. EMAPA:28965 - meiotic germ cell
2214. EMAPA:16624 - somite 27
2215. EMAPA:17304 - lens vesicle anterior epithelium
2216. EMAPA:16628 - somite 28
2217. EMAPA:19335 - C1
2218. EMAPA:19336 - C2
2219. EMAPA:28971 - premeiotic germ cell
2220. EMAPA:17310 - common iliac artery
2221. EMAPA:29635 - ureteral smooth muscle layer outer circular muscle
2222. EMAPA:16632 - somite 29
2223. EMAPA:16636 - somite 30
2224. EMAPA:19321 - coeliac ganglion
2225. EMAPA:19324 - C2
2226. EMAPA:19323 - C1
2227. EMAPA:19318 - lower leg skeletal muscle
2228. EMAPA:19316 - distal radio-carpal joint
2229. EMAPA:19317 - proximal radio-carpal joint
2230. EMAPA:26056 - intersegmental vein
2231. EMAPA:17300 - superior semicircular canal associated mesenchyme
2232. EMAPA:16642 - 3rd ventricle
2233. EMAPA:17301 - superior semicircular canal epithelium
2234. EMAPA:18929 - rectum mesentery
2235. EMAPA:18928 - rectum lumen
2236. EMAPA:26089 - physiological umbilical hernia mesenchyme
2237. EMAPA:18924 - perineal body vascular element
2238. EMAPA:18927 - rectum epithelium
2239. EMAPA:25352 - pinna rest of mesenchyme
2240. EMAPA:18216 - abducent VI nerve
2241. EMAPA:25351 - pinna mesenchyme condensation
2242. EMAPA:18217 - facial VII nerve chorda tympani branch
2243. EMAPA:18920 - stomach pyloric region vascular element
2244. EMAPA:18218 - trochlear IV nerve
2245. EMAPA:18923 - perineal body muscle
2246. EMAPA:25353 - pinna cartilage condensation
2247. EMAPA:18224 - autonomic nerve plexus
2248. EMAPA:18223 - paraganglion of Zuckerkandl
2249. EMAPA:18226 - cervico-thoracic ganglion
2250. EMAPA:18930 - rectum dorsal mesentery
2251. EMAPA:18221 - autonomic ganglion
2252. EMAPA:26072 - inferior vena cava intra-hepatic part
2253. EMAPA:18938 - jejunum dorsal mesentery
2254. EMAPA:18937 - jejunum mesentery
2255. EMAPA:18936 - jejunum vascular element
2256. EMAPA:18935 - jejunum lumen
2257. EMAPA:18934 - jejunum epithelium
2258. EMAPA:18931 - rectum vascular element
2259. EMAPA:18941 - colon epithelium
2260. EMAPA:26913 - male inguinal canal
2261. EMAPA:27599 - nephric duct, metanephric portion
2262. EMAPA:18211 - hindbrain subarachnoid space

2263. EMAPA:18943 - colon dorsal mesentery
2264. EMAPA:18942 - colon mesentery
2265. EMAPA:18945 - colon lumen
2266. EMAPA:18944 - colon vascular element
2267. EMAPA:18242 - anterior spinal artery
2268. EMAPA:18243 - posterior spinal artery
2269. EMAPA:18246 - interventricular septum membranous part
2270. EMAPA:18950 - soft palate epithelium
2271. EMAPA:26922 - enteric nervous system
2272. EMAPA:18951 - soft palate mesenchyme
2273. EMAPA:18247 - interventricular septum muscular part
2274. EMAPA:26097 - physiological umbilical hernia mesothelium
2275. EMAPA:25363 - otocyst lumen
2276. EMAPA:18227 - intercostal nerve
2277. EMAPA:18954 - hard palate mesenchyme
2278. EMAPA:25362 - rhombomere 05 rest of neural fold
2279. EMAPA:18953 - hard palate epithelium
2280. EMAPA:25361 - rhombomere 04 rest of neural fold
2281. EMAPA:25360 - rhombomere 03 rest of neural fold
2282. EMAPA:18232 - aqueous humour
2283. EMAPA:25359 - rhombomere 02 rest of neural fold
2284. EMAPA:18231 - eye anterior chamber
2285. EMAPA:25357 - thyrold primordium endoderm
2286. EMAPA:18237 - lens capsule
2287. EMAPA:25358 - rhombomere 01 rest of neural fold
2288. EMAPA:18963 - pharynx skeletal muscle
2289. EMAPA:25355 - trunk mesenchyme derived from neural crest non-migrating cells
2290. EMAPA:26937 - oral mucosa
2291. EMAPA:27573 - cloaca
2292. EMAPA:27570 - posterior gonadal mesenchyme
2293. EMAPA:17373 - metanephros
2294. EMAPA:18260 - anal canal rostral part vascular element
2295. EMAPA:18261 - anal canal caudal part
2296. EMAPA:18262 - anal canal caudal part associated mesenchyme
2297. EMAPA:18268 - gastro-oesophageal junction associated mesenchyme
2298. EMAPA:18269 - gastro-oesophageal junction epithelium
2299. EMAPA:18263 - anal canal caudal part epithelium
2300. EMAPA:18264 - anal canal caudal part vascular element
2301. EMAPA:18265 - external anal sphincter
2302. EMAPA:27566 - anterior gonadal mesenchyme
2303. EMAPA:18266 - internal anal sphincter
2304. EMAPA:27564 - coelomic epithelium
2305. EMAPA:17367 - urinary system mesentery
2306. EMAPA:17364 - palatal shelf mesenchyme
2307. EMAPA:17363 - palatal shelf epithelium
2308. EMAPA:17361 - maxillary process mesenchyme
2309. EMAPA:26959 - pharynx muscularis
2310. EMAPA:18258 - anal canal rostral part associated mesenchyme
2311. EMAPA:18259 - anal canal rostral part epithelium
2312. EMAPA:26957 - pharynx mucosa
2313. EMAPA:18257 - anal canal rostral part
2314. EMAPA:18254 - right hepatico-cardiac vein
2315. EMAPA:26952 - oral region muscularis
2316. EMAPA:18253 - left hepatico-cardiac vein
2317. EMAPA:18900 - stomach glandular region lumen
2318. EMAPA:17391 - left lung rudiment lobar bronchus vascular element
2319. EMAPA:18902 - stomach mesentery
2320. EMAPA:17390 - left lung rudiment lobar bronchus epithelium
2321. EMAPA:17393 - axial skeleton lumbar region
2322. EMAPA:17392 - cervical vertebral cartilage condensation
2323. EMAPA:17394 - lumbar vertebral pre-cartilage condensation
2324. EMAPA:17396 - axial skeleton thoracic region
2325. EMAPA:17399 - somite 46
2326. EMAPA:17398 - thoracic vertebral pre-cartilage condensation
2327. EMAPA:26969 - pharynx muscularis
2328. EMAPA:18280 - tongue intrinsic skeletal muscle
2329. EMAPA:18281 - tongue intrinsic skeletal muscle transverse component
2330. EMAPA:18282 - tongue intrinsic skeletal muscle vertical component
2331. EMAPA:18283 - hyoid cartilage condensation
2332. EMAPA:18284 - stomach fundus glandular mucous membrane
2333. EMAPA:26963 - pharynx lamina propria
2334. EMAPA:26961 - pharynx epithelium
2335. EMAPA:26965 - pharynx mucosa
2336. EMAPA:27581 - cloaca associated mesenchyme
2337. EMAPA:18912 - stomach proventricular region epithelium
2338. EMAPA:18910 - stomach proventricular region
2339. EMAPA:18915 - stomach pyloric region
2340. EMAPA:18913 - stomach proventricular region lumen
2341. EMAPA:26981 - oesophagus mucosa
2342. EMAPA:18914 - stomach proventricular region vascular element
2343. EMAPA:17385 - gonadal mesenchyme
2344. EMAPA:17384 - coelomic epithelium
2345. EMAPA:18917 - stomach pyloric region epithelium
2346. EMAPA:17383 - gonad

2347. EMAPA:18918 - stomach pyloric region lumen
 2348. EMAPA:17389 - left lung rudiment lobar bronchus associated mesenchyme
 2349. EMAPA:17388 - left lung rudiment lobar bronchus
 2350. EMAPA:18270 - gastro-oesophageal junction vascular element
 2351. EMAPA:27577 - cloacal epithelium
 2352. EMAPA:18275 - tongue extrinsic skeletal muscle
 2353. EMAPA:26977 - pharynx lamina propria
 2354. EMAPA:27511 - stomach pyloric region serosa
 2355. EMAPA:18179 - pectoralis major
 2356. EMAPA:27519 - stomach pyloric region lamina propria
 2357. EMAPA:18172 - cranial skeletal muscle
 2358. EMAPA:27523 - stomach pyloric region gastric gland
 2359. EMAPA:18188 - integumental system superficial muscle
 2360. EMAPA:18187 - integumental system muscle
 2361. EMAPA:27527 - stomach pyloric region muscularis mucosa
 2362. EMAPA:18180 - pectoralis minor
 2363. EMAPA:18185 - pelvic girdle skeletal muscle
 2364. EMAPA:18184 - pelvic girdle muscle
 2365. EMAPA:27531 - anal canal mucosa
 2366. EMAPA:27535 - anal canal submucosa
 2367. EMAPA:18198 - thyroid gland right lobe
 2368. EMAPA:18197 - thyroid gland left lobe
 2369. EMAPA:18196 - thyroid gland lobe
 2370. EMAPA:18195 - thyroid gland isthmus
 2371. EMAPA:27543 - anal canal gland
 2372. EMAPA:27547 - anal canal lamina propria
 2373. EMAPA:18985 - uterine horn
 2374. EMAPA:18970 - upper jaw gum
 2375. EMAPA:18972 - upper jaw gum mesenchyme
 2376. EMAPA:18971 - upper jaw gum epithelium
 2377. EMAPA:18966 - superior pharyngeal constrictor muscle
 2378. EMAPA:18967 - lower jaw gum
 2379. EMAPA:18964 - pharyngeal constrictor muscle
 2380. EMAPA:18965 - inferior pharyngeal constrictor muscle
 2381. EMAPA:18968 - lower jaw gum epithelium
 2382. EMAPA:18969 - lower jaw gum mesenchyme
 2383. EMAPA:18999 - lower part of vagina
 2384. EMAPA:27507 - stomach pyloric region muscularis
 2385. EMAPA:18993 - efferent duct of seminal vesicle
 2386. EMAPA:27503 - stomach pyloric region submucosa
 2387. EMAPA:16692 - common atrial chamber cardiac muscle
 2388. EMAPA:16691 - common atrial chamber endocardial lining
 2389. EMAPA:16690 - common atrial chamber cardiac jelly
 2390. EMAPA:16697 - primitive ventricle endocardial lining
 2391. EMAPA:16696 - endocardial cushion tissue
 2392. EMAPA:16695 - bulbus cordis rostral half endocardial lining
 2393. EMAPA:16694 - bulbus cordis caudal half endocardial lining
 2394. EMAPA:16683 - fronto-nasal process mesenchyme
 2395. EMAPA:16680 - nasal process
 2396. EMAPA:16682 - fronto-nasal process ectoderm
 2397. EMAPA:16676 - optic cup intraretinal space
 2398. EMAPA:16677 - optic cup outer layer
 2399. EMAPA:16675 - optic cup inner layer
 2400. EMAPA:16673 - eye mesenchyme
 2401. EMAPA:16671 - otocyst epithelium
 2402. EMAPA:16670 - otocyst associated mesenchyme
 2403. EMAPA:16669 - otocyst
 2404. EMAPA:16667 - spinal ganglion
 2405. EMAPA:16668 - dorsal root ganglion
 2406. EMAPA:16665 - peripheral nervous system
 2407. EMAPA:31021 - bend of immature loop of Henle
 2408. EMAPA:19261 - midgut derived large intestine vascular element
 2409. EMAPA:30043 - renal medullary capillary
 2410. EMAPA:19260 - midgut derived large intestine dorsal mesentery
 2411. EMAPA:19263 - hindgut derived large intestine lumen
 2412. EMAPA:19262 - hindgut derived large intestine epithelium
 2413. EMAPA:19265 - hindgut derived large intestine dorsal mesentery
 2414. EMAPA:19264 - hindgut derived large intestine mesentery
 2415. EMAPA:19266 - hindgut derived large intestine vascular element
 2416. EMAPA:19269 - pharynx pretracheal muscle
 2417. EMAPA:19274 - superior hypogastric plexus
 2418. EMAPA:19278 - inferior nasal meatus
 2419. EMAPA:19277 - middle nasal meatus
 2420. EMAPA:19276 - superior nasal meatus
 2421. EMAPA:19275 - inferior hypogastric plexus
 2422. EMAPA:19286 - bulbourethral gland
 2423. EMAPA:30077 - dorsal genital swelling
 2424. EMAPA:30079 - ventrolateral genital swelling

DETAILS:

| Modified OBOComponent 1 | | | |
|-----------------------------------|---|-------------|-----------------|
| ID | EMAPA:16369 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16367[genitourinary system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16367, name=genitourinary system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16369, name=presumptive nephric duct, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16369 has synonyms [Wolffian duct] | | |

| Modified OBOComponent 2 | | | |
|--|---|------|-----------------|
| ID | EMAPA:16384 | Name | Starts At |
| TS14 | Ends At | TS18 | Primary Parents |
| EMAPA:16382[1st branchial arch mandibular component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16117, name=branchial arch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16118, name=1st branchial arch, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16382, name=1st branchial arch mandibular component, statusChange=UNCHANGED, | | |

| Modified OBOComponent 2 | | | |
|-------------------------|--|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0], OBOComponent [id=EMAPA:16384, name=mandibular component endoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16384 has synonyms [endothelium] | | |

| Modified OBOComponent 3 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:16383 | Name | Starts At |
| TS14 | Ends At | TS18 | Primary Parents |
| EMAPA:16382[1st branchial arch mandibular component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16117, name=branchial arch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16118, name=1st branchial arch, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16382, name=1st branchial arch mandibular component, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0], OBOComponent [id=EMAPA:16383, name=mandibular component ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16383 has synonyms [epithelium] | | |

| Modified OBOComponent 4 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16389 | Name | Starts At |
| TS14 | Ends At | TS18 | Primary Parents |
| EMAPA:16388[1st branchial arch maxillary component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

| Modified OBOComponent 4 | | | |
|-------------------------|---|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16117, name=branchial arch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16118, name=1st branchial arch, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16388, name=1st branchial arch maxillary component, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0], OBOComponent [id=EMAPA:16389, name=maxillary component ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16389 has synonyms [epithelium] | | |

| Modified OBOComponent 5 | | | |
|-------------------------|---|------|-----------------|
| ID | EMAPA:29925 | Name | Starts At |
| TS28 | Ends At | TS28 | Primary Parents |
| EMAPA:29915[uterus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:29915, name=uterus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0], OBOComponent [id=EMAPA:29925, name=adventitia of uterus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0]] | | |
| | | | |

| Modified OBOComponent 5 | | | |
|-------------------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:29925 has name [adventitia] | | |

| Modified OBOComponent 6 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:16347 | Name | Starts At |
| TS13 | Ends At | TS17 | Primary Parents |
| EMAPA:16346[outflow tract] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16346, name=outflow tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS22, present=0], OBOComponent [id=EMAPA:16347, name=outflow tract cardiac jelly, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16347 has name [cardiac jelly] | | |

| Modified OBOComponent 7 | | | |
|--|---|------|-----------------|
| ID | EMAPA:31296 | Name | Starts At |
| TS22 | Ends At | TS28 | Primary Parents |
| EMAPA:28136[renal cortical interstitium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 7

```
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28518, name=renal
interstitium group, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28136, name=renal cortical
interstitium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31296, name=resident
macrophages of the cortex, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS28, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28518, name=renal
interstitium group, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28136, name=renal cortical
interstitium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31296, name=resident
macrophages of the cortex, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS28, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
```


| Modified OBOComponent 7 | | | |
|-------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17952, name=renal cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28136, name=renal cortical interstitium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:31296, name=resident macrophages of the cortex, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:31296 has synonyms [renal monocytes of the cortex] | | |

| Modified OBOComponent 8 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16348 | Name | Starts At |
| TS13 | Ends At | TS18 | Primary Parents |
| EMAPA:16346[outflow tract] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16346, name=outflow tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS22, present=0], | | |

| Modified OBOComponent 8 | | | |
|-------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16348, name=outflow tract endocardial tube, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16348 has name [endocardial tube] | | |

| Modified OBOComponent 9 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17479 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| TH:00159[hindlimb interdigital region] EMAPA:17459[footplate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17479, name=interdigital region between hindlimb digits 2 and 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00159, name=hindlimb interdigital region, statusChange=NEW,</p> | | |

Modified OBOComponent 9

```
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17479, name=interdigital
region between hindlimb digits 2 and 3,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17479, name=interdigital
region between hindlimb digits 2 and 3,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00159, name=hindlimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17479, name=interdigital
region between hindlimb digits 2 and 3,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | <p>1. Different Name - Referenced OBOComponent EMAPA:17479 has name [interdigital region between digits 2 and 3]</p> <p>2. Different Parents - Referenced OBOComponent EMAPA:17479 has parents [TH:00159,</p> | | |

| | |
|--------------------------------|--------------|
| Modified OBOComponent 9 | |
| | EMAPA:17459] |

| | | | |
|---------------------------------|---|-------------|-----------------|
| Modified OBOComponent 10 | | | |
| ID | EMAPA:16349 | Name | Starts At |
| TS13 | Ends At | TS16 | Primary Parents |
| EMAPA:16346[outflow tract] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16346, name=outflow tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS22, present=0], OBOComponent [id=EMAPA:16349, name=outflow tract mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16349 has name [mesenchyme] | | |

| | | | |
|---------------------------------|---|------|-----------------|
| Modified OBOComponent 11 | | | |
| ID | EMAPA:17488 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17459[footplate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 11 | | | |
|--------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17488, name=footplate mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17488, name=footplate mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17488 has name [mesenchyme] | | |

| Modified OBOComponent 12 | | | |
|----------------------------------|--|------|-----------------|
| ID | EMAPA:16353 | Name | Starts At |
| TS13 | Ends At | TS18 | Primary Parents |
| EMAPA:16350[primitive ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular | | |

| Modified OBOComponent 12 | | | |
|--------------------------|--|-------------|---------|
| | system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16350, name=primitive ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16353, name=primitive ventricle cardiac muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16353 has name [cardiac muscle] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16353 has synonyms [myocardium] | | |

| Modified OBOComponent 13 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17486 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17485[interdigital region between hindlimb digits 4 and 5] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17485, name=interdigital region between hindlimb digits 4 and 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17486, name=interdigital region between hindlimb digits 4 and 5 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

Modified OBOComponent 13

```
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00159, name=hindlimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17485, name=interdigital
region between hindlimb digits 4 and 5,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17486, name=interdigital
region between hindlimb digits 4 and 5 epithelium,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17485, name=interdigital
region between hindlimb digits 4 and 5,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17486, name=interdigital
region between hindlimb digits 4 and 5 epithelium,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
```

| Modified OBOComponent 13 | | | |
|--------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00159, name=hindlimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17485, name=interdigital region between hindlimb digits 4 and 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17486, name=interdigital region between hindlimb digits 4 and 5 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17486 has name [epithelium] | | |

| Modified OBOComponent 14 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:16356 | Name | Starts At |
| TS13 | Ends At | TS20 | Primary Parents |
| EMAPA:16354[cardinal vein] | | | Group Parents |
| | | | Synonyms |
| [Duct of Cuvier, future coronary sinus] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16354, name=cardinal vein, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS20, present=0], OBOComponent [id=EMAPA:16356, name=common cardinal vein, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16356 has name [common] | | |

| Modified OBOComponent 15 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17487 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17485[interdigital region between hindlimb digits 4 and 5] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17485, name=interdigital region between hindlimb digits 4 and 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17487, name=interdigital region between hindlimb digits 4 and 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00159, name=hindlimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17485, name=interdigital region between hindlimb digits 4 and 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17487, name=interdigital</p> | | |

Modified OBOComponent 15

region between hindlimb digits 4 and 5 mesenchyme,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0]]

3. [
OBOComponent [id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0],
OBOComponent [id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0],
OBOComponent [id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0],
OBOComponent [id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0],
OBOComponent [id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0],
OBOComponent [id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:17485, name=interdigital
region between hindlimb digits 4 and 5,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:17487, name=interdigital
region between hindlimb digits 4 and 5 mesenchyme,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0]]

4. [
OBOComponent [id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0],
OBOComponent [id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0],
OBOComponent [id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0],
OBOComponent [id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0],
OBOComponent [id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0],
OBOComponent [id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=TH:00159, name=hindlimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:17485, name=interdigital
region between hindlimb digits 4 and 5,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:17487, name=interdigital
region between hindlimb digits 4 and 5 mesenchyme,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0]]

Rule Status

PASSED

Edit Status

CHANGED

| Modified OBOComponent 15 | |
|--------------------------|---|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17487 has name [mesenchyme] |

| Modified OBOComponent 16 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:16355 | Name | Starts At |
| TS13 | Ends At | TS20 | Primary Parents |
| EMAPA:16354[cardinal vein] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16354, name=cardinal vein, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS20, present=0], OBOComponent [id=EMAPA:16355, name=anterior cardinal vein, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16355 has name [anterior] | | |

| Modified OBOComponent 17 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17484 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17482[interdigital region between hindlimb digits 3 and 4] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

Modified OBOComponent 17

```
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17482, name=interdigital
region between hindlimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17484, name=interdigital
region between hindlimb digits 3 and 4 mesenchyme,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00159, name=hindlimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17482, name=interdigital
region between hindlimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17484, name=interdigital
region between hindlimb digits 3 and 4 mesenchyme,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
```

| Modified OBOComponent 17 | | | |
|--------------------------|---|--|---------|
| | | newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17482, name=interdigital region between hindlimb digits 3 and 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17484, name=interdigital region between hindlimb digits 3 and 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00159, name=hindlimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17482, name=interdigital region between hindlimb digits 3 and 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17484, name=interdigital region between hindlimb digits 3 and 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17484 has name [mesenchyme] | | |

| Modified OBOComponent 18 | | | |
|--------------------------|--|------|-----------------|
| ID | EMAPA:16350 | Name | Starts At |
| TS13 | Ends At | TS18 | Primary Parents |
| EMAPA:16105[heart] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 18 | | | |
|--------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16350, name=primitive ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16350 has synonyms [future left ventricle] | | |

| Modified OBOComponent 19 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17485 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| TH:00159[hindlimb interdigital region] EMAPA:17459[footplate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17485, name=interdigital region between hindlimb digits 4 and 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

Modified OBOComponent 19

```
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00159, name=hindlimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17485, name=interdigital
region between hindlimb digits 4 and 5,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17485, name=interdigital
region between hindlimb digits 4 and 5,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
```

| Modified OBOComponent 19 | | | |
|--------------------------|---|-------------|---------|
| | OBOComponent [id=TH:00159, name=hindlimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17485, name=interdigital region between hindlimb digits 4 and 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17485 has name [interdigital region between digits 4 and 5] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17485 has parents [TH:00159, EMAPA:17459] | | |

| Modified OBOComponent 20 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17482 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| TH:00159[hindlimb interdigital region] EMAPA:17459[footplate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17482, name=interdigital region between hindlimb digits 3 and 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, | | |

Modified OBOComponent 20

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00159, name=hindlimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17482, name=interdigital
region between hindlimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17482, name=interdigital
region between hindlimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00159, name=hindlimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17482, name=interdigital
region between hindlimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

| Modified OBOComponent 20 | | | |
|------------------------------------|---|-------------|---------|
| start=TS20, end=TS26, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17482 has name [interdigital region between digits 3 and 4] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17482 has parents [TH:00159, EMAPA:17459] | | |

| Modified OBOComponent 21 | | | |
|----------------------------------|---|-------------|-----------------|
| ID | EMAPA:16352 | Name | Starts At |
| TS13 | Ends At | TS14 | Primary Parents |
| EMAPA:16350[primitive ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16350, name=primitive ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16352, name=primitive ventricle endocardial tube, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16352 has name [endocardial tube] | | |

| Modified OBOComponent 22 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17483 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17482[interdigital region between hindlimb digits 3 and 4] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

Modified OBOComponent 22

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17482, name=interdigital
region between hindlimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17483, name=interdigital
region between hindlimb digits 3 and 4 epithelium,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00159, name=hindlimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17482, name=interdigital
region between hindlimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17483, name=interdigital
region between hindlimb digits 3 and 4 epithelium,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
```

| Modified OBOComponent 22 | | | |
|--------------------------|---|--|---------|
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17482, name=interdigital region between hindlimb digits 3 and 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17483, name=interdigital region between hindlimb digits 3 and 4 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00159, name=hindlimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17482, name=interdigital region between hindlimb digits 3 and 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17483, name=interdigital region between hindlimb digits 3 and 4 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17483 has name [epithelium] | | |

| Modified OBOComponent 23 | | | |
|----------------------------------|-------------|------|-----------------|
| ID | EMAPA:16351 | Name | Starts At |
| TS13 | Ends At | TS17 | Primary Parents |
| EMAPA:16350[primitive ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| | | | |

| Modified OBOComponent 23 | | | |
|--------------------------|--|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16350, name=primitive ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16351, name=primitive ventricle cardiac jelly, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16351 has name [cardiac jelly] | | |

| Modified OBOComponent 24 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:27684 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:27681[comma-shaped body] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27681, name=comma-shaped | | |

Modified OBOComponent 24

```
body, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS21, present=0 ],
OBOComponent [ id=EMAPA:27684, name=upper limb of
comma-shaped body, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27681, name=comma-shaped
body, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS21, present=0 ],
OBOComponent [ id=EMAPA:27684, name=upper limb of
comma-shaped body, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27681, name=comma-shaped
body, statusChange=UNCHANGED, statusRule=PASSED,
```

| Modified OBOComponent 24 | | | |
|--------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0], OBOComponent [id=EMAPA:27684, name=upper limb of comma-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27684 has synonyms [distal limb of comma-shaped body] | | |

| Modified OBOComponent 25 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17480 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17479[interdigital region between hindlimb digits 2 and 3] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17479, name=interdigital region between hindlimb digits 2 and 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17480, name=interdigital region between hindlimb digits 2 and 3 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED,</p> | | |

Modified OBOComponent 25

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00159, name=hindlimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17479, name=interdigital
region between hindlimb digits 2 and 3,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17480, name=interdigital
region between hindlimb digits 2 and 3 epithelium,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17479, name=interdigital
region between hindlimb digits 2 and 3,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17480, name=interdigital
region between hindlimb digits 2 and 3 epithelium,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
```


| Modified OBOComponent 25 | | | |
|--|---|-------------|---------|
| OBOComponent [id=TH:00159, name=hindlimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17479, name=interdigital region between hindlimb digits 2 and 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17480, name=interdigital region between hindlimb digits 2 and 3 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17480 has name [epithelium] | | |

| Modified OBOComponent 26 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17481 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17479[interdigital region between hindlimb digits 2 and 3] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17479, name=interdigital region between hindlimb digits 2 and 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17481, name=interdigital region between hindlimb digits 2 and 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 26

```
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00159, name=hindlimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17479, name=interdigital
region between hindlimb digits 2 and 3,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17481, name=interdigital
region between hindlimb digits 2 and 3 mesenchyme,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17479, name=interdigital
region between hindlimb digits 2 and 3,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17481, name=interdigital
region between hindlimb digits 2 and 3 mesenchyme,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
```


| Modified OBOComponent 26 | | | |
|--------------------------|--|-------------|---------|
| | statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00159, name=hindlimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17479, name=interdigital region between hindlimb digits 2 and 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17481, name=interdigital region between hindlimb digits 2 and 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17481 has name [mesenchyme] | | |

| Modified OBOComponent 27 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:27687 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:27681[comma-shaped body] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27681, name=comma-shaped body, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0], OBOComponent [id=EMAPA:27687, name=lower limb of comma-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 27

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27681, name=comma-shaped
body, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS21, present=0 ],
OBOComponent [ id=EMAPA:27687, name=lower limb of
comma-shaped body, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27681, name=comma-shaped
body, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS21, present=0 ],
OBOComponent [ id=EMAPA:27687, name=lower limb of
comma-shaped body, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27687 has synonyms [proximal | | |

| | |
|---------------------------------|----------------------------|
| Modified OBOComponent 27 | |
| | limb of comma-shaped body] |

| | | | |
|---------------------------------|--|-------------|-----------------|
| Modified OBOComponent 28 | | | |
| ID | EMAPA:16357 | Name | Starts At |
| TS13 | Ends At | TS20 | Primary Parents |
| EMAPA:16354[cardinal vein] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16354, name=cardinal vein, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS20, present=0], OBOComponent [id=EMAPA:16357, name=posterior cardinal vein, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16357 has name [posterior] | | |

| | | | |
|---------------------------------|---|------|-----------------|
| Modified OBOComponent 29 | | | |
| ID | EMAPA:17497 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17496[lower leg] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 29 | | | |
|--------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17496, name=lower leg, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17497, name=lower leg epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17497 has name [epithelium] | | |

| Modified OBOComponent 30 | | | |
|-----------------------------|---|-------------|-----------------|
| ID | EMAPA:16367 | Name | Starts At |
| TS13 | Ends At | TS18 | Primary Parents |
| EMAPA:16245[visceral organ] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16367, name=genitourinary system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16367 has synonyms [urogenital system] | | |

| Modified OBOComponent 31 | | | |
|--------------------------|-------------|------|-----------------|
| ID | EMAPA:17498 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17496[lower leg] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [| | |

| Modified OBOComponent 31 | | | |
|--------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17496, name=lower leg, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17498, name=lower leg mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17498 has name [mesenchyme] | | |

| Modified OBOComponent 32 | | | |
|--|--|------|-----------------|
| ID | EMAPA:16366 | Name | Starts At |
| TS13 | Ends At | TS23 | Primary Parents |
| EMAPA:16365[foregut-midgut junction mesentery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, | | |

| Modified OBOComponent 32 | | | |
|--------------------------|--|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:16365, name=foregut-midgut junction mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:16366, name=foregut-midgut junction dorsal mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16366 has name [dorsal mesentery] | | |

| Modified OBOComponent 33 | | | |
|--------------------------|---|-------------|-----------------|
| ID | EMAPA:17499 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17489[leg] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17499, name=upper leg, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17499 has synonyms [thigh] | | |

| Modified OBOComponent 34 | | | |
|--------------------------------------|---|------|-----------------|
| ID | EMAPA:16365 | Name | Starts At |
| TS13 | Ends At | TS23 | Primary Parents |
| EMAPA:16363[foregut-midgut junction] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 34 | | | |
|--------------------------|--|-------------|---------|
| | group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:16365, name=foregut-midgut junction mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16365 has name [mesentery] | | |

| Modified OBOComponent 35 | | | |
|--------------------------------------|--|------|-----------------|
| ID | EMAPA:16364 | Name | Starts At |
| TS13 | Ends At | TS22 | Primary Parents |
| EMAPA:16363[foregut-midgut junction] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], | | |

| Modified OBOComponent 35 | | | |
|--------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:16364, name=foregut-midgut junction associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS22, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16364 has name [associated mesenchyme] | | |

| Modified OBOComponent 36 | | | |
|--------------------------|--|-------------|-----------------|
| ID | EMAPA:17494 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17493[knee] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17493, name=knee, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17494, name=knee epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17494 has name [epithelium] | | |

| Modified OBOComponent 37 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:16362 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16361[thyroid primordium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

| Modified OBOComponent 37 | | | |
|--------------------------|--|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16248, name=foregut diverticulum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16360, name=foregut diverticulum gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16361, name=thyroid primordium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16362, name=thyroid primordium associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16362 has name [associated mesenchyme] | | |

| Modified OBOComponent 38 | | | |
|--------------------------|--|------|-----------------|
| ID | EMAPA:17495 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17493[knee] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], | | |

| Modified OBOComponent 38 | | | |
|--------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17493, name=knee, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17495, name=knee mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17495 has name [mesenchyme] | | |

| Modified OBOComponent 39 | | | |
|--------------------------|---|-------------|-----------------|
| ID | EMAPA:17496 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17489[leg] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17496, name=lower leg, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17496 has synonyms [leg] | | |

| Modified OBOComponent 40 | | | |
|-----------------------------------|-------------|------|-----------------|
| ID | EMAPA:16360 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16248[foregut diverticulum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| | | | |

| Modified OBOComponent 40 | | | |
|--------------------------|--|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16248, name=foregut diverticulum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16360, name=foregut diverticulum gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16360 has name [gland] | | |

| Modified OBOComponent 41 | | | |
|--|--|------|-----------------|
| ID | EMAPA:27697 | Name | Starts At |
| TS20 | Ends At | TS20 | Primary Parents |
| EMAPA:17646[primitive collecting duct] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], | | |

| Modified OBOComponent 41 | | | |
|--------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17646, name=primitive collecting duct, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0], OBOComponent [id=EMAPA:27697, name=ureteric trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27697 has synonyms [ureteric stalk] | | |

| Modified OBOComponent 42 | | | |
|--------------------------|---|-------------|-----------------|
| ID | EMAPA:17491 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17490[hip] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17490, name=hip, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17491, name=hip epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17491 has name [epithelium] | | |

| Modified OBOComponent 43 | | | |
|---|-------------|------|-----------------|
| ID | EMAPA:27694 | Name | Starts At |
| TS20 | Ends At | TS20 | Primary Parents |
| EMAPA:17646[primitive collecting duct] EMAPA:31562[nephrogenic zone GROUP] | | | Group Parents |
| | | | Synonyms |
| | | | |

Modified OBOComponent 43

| [] | Primary Path |
|-----------------|---|
| Alternate Paths | <div data-bbox="518 190 1355 1025"> <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:31562, name=nephrogenic zone GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS21, present=0], OBOComponent [id=EMAPA:27694, name=ureteric tip, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0]]</p> </div> <div data-bbox="518 1025 1355 1951"> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17646, name=primitive collecting duct, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0], OBOComponent [id=EMAPA:27694, name=ureteric tip, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0]]</p> </div> <div data-bbox="518 1951 1355 2134"> <p>3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED,</p> </div> |

| Modified OBOComponent 43 | | | |
|--------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:31562, name=nephrogenic zone GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS21, present=0], OBOComponent [id=EMAPA:27694, name=ureteric tip, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27694 has synonyms [ampulla] | | |

| Modified OBOComponent 44 | | | |
|--------------------------|--|------|-----------------|
| ID | EMAPA:17492 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17490[hip] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17490, name=hip, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17492, name=hip mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |

| Modified OBOComponent 44 | | | |
|--------------------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17492 has name [mesenchyme] | | |

| Modified OBOComponent 45 | | | |
|--------------------------|--|-------------|-----------------|
| ID | EMAPA:16325 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16198[eye] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16325, name=optic pit, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16325 has synonyms [optic evagination] | | |

| Modified OBOComponent 46 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:16324 | Name | Starts At |
| TS13 | Ends At | TS14 | Primary Parents |
| EMAPA:16322[optic eminence] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 46 | | | |
|--------------------------|---|-------------|---------|
| | group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16322, name=optic eminence, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS14, present=0], OBOComponent [id=EMAPA:16324, name=optic eminence mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16324 has name [mesenchyme] | | |

| Modified OBOComponent 47 | | | |
|---------------------------------|---|------|-----------------|
| ID | EMAPA:31273 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:27690[renal interstitium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28518, name=renal interstitium group, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS21, end=TS28, present=0], OBOComponent [id=EMAPA:27690, name=renal interstitium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0], OBOComponent [id=EMAPA:31273, name=resident macrophages, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

Modified OBOComponent 47

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27690, name=renal
interstitium, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ],
OBOComponent [ id=EMAPA:31273, name=resident
macrophages, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28518, name=renal
interstitium group, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27690, name=renal
interstitium, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ],
OBOComponent [ id=EMAPA:31273, name=resident
macrophages, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

| | | | |
|-------------|------------------------------------|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced | | |

| Modified OBOComponent 47 | |
|--------------------------|---|
| | OBOComponent EMAPA:31273 has synonyms [renal monocytes] |

| Modified OBOComponent 48 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:16327 | Name | Starts At |
| TS13 | Ends At | TS22 | Primary Parents |
| EMAPA:16204[dorsal aorta] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16204, name=dorsal aorta, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16327, name=common dorsal aorta, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16327 has name [common] | | |

| Modified OBOComponent 49 | | | |
|--------------------------|---|------|-----------------|
| ID | EMAPA:16326 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16325[optic pit] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 49 | | | |
|--------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16325, name=optic pit, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16326, name=optic pit neural ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16326 has name [neural ectoderm] | | |

| Modified OBOComponent 50 | | | |
|--------------------------------------|---|-------------|-----------------|
| ID | EMAPA:16329 | Name | Starts At |
| TS13 | Ends At | TS14 | Primary Parents |
| EMAPA:16328[internal carotid artery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16328, name=internal carotid artery, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS22, present=0], OBOComponent [id=EMAPA:16329, name=left internal carotid artery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16329 has name [left] | | |

| Modified OBOComponent 51 | | | |
|--------------------------|--|--|--|
| | | | |

| Modified OBOComponent 51 | | | |
|----------------------------------|--|-------------|-----------------|
| ID | EMAPA:29161 | Name | Starts At |
| TS22 | Ends At | TS23 | Primary Parents |
| EMAPA:29138[mesonephros of male] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:29138, name=mesonephros of male, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:29161, name=degenerating mesonephric portion of male paramesonephric duct, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:29161 has synonyms [Mullerian duct] | | |

| Modified OBOComponent 52 | | | |
|--------------------------------------|---|------|-----------------|
| ID | EMAPA:16330 | Name | Starts At |
| TS13 | Ends At | TS14 | Primary Parents |
| EMAPA:16328[internal carotid artery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 52 | | | |
|--------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16328, name=internal carotid artery, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS22, present=0], OBOComponent [id=EMAPA:16330, name=right internal carotid artery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16330 has name [right] | | |

| Modified OBOComponent 53 | | | |
|---|--|------|-----------------|
| ID | EMAPA:31281 | Name | Starts At |
| TS22 | Ends At | TS27 | Primary Parents |
| EMAPA:18976[cortical renal tubule] EMAPA:31571[cortical renal tubule of capillary loop nephron GROUP] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28491, name=mature nephron, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:18976, name=cortical renal tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:31281, name=anlage of loop of Henle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 53

```
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31281, name=anlage of loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31281, name=anlage of loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
```


Modified OBOComponent 53

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31281, name=anlage of loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31281, name=anlage of loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
6. [
```

Modified OBOComponent 53

```
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31281, name=anlage of loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```


Modified OBOComponent 53

```
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31281, name=anlage of loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31281, name=anlage of loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
9. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
```

Modified OBOComponent 53

```
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31281, name=anlage of loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
10. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31281, name=anlage of loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
11. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

Modified OBOComponent 53

```
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31281, name=anlage of loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
12. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31281, name=anlage of loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
13. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
```

Modified OBOComponent 53

```
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31281, name=anlage of loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
14. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31281, name=anlage of loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
15. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 53

```
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31281, name=anlage of loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
16. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31281, name=anlage of loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
17. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
```


Modified OBOComponent 53

```
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31281, name=anlage of loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

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18. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31281, name=anlage of loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
19. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
```

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```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31281, name=anlage of loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
20. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
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```

group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31281, name=anlage of loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
21. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31281, name=anlage of loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
22. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,

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```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31281, name=anlage of loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

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23. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31281, name=anlage of loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

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24. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

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```
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31281, name=anlage of loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
25. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31281, name=anlage of loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

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26. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
```

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```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31281, name=anlage of loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
27. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31281, name=anlage of loop
```

| Modified OBOComponent 53 | | | |
|--------------------------|---|-------------|---------|
| | of Henle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:31281 has synonyms [primitive loop of Henle] | | |

| Modified OBOComponent 54 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:16334 | Name | Starts At |
| TS13 | Ends At | TS18 | Primary Parents |
| EMAPA:16333[bulbus cordis] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16333, name=bulbus cordis, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16334, name=bulbus cordis caudal half, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16334 has name [caudal half] | | |

| Modified OBOComponent 55 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16338 | Name | Starts At |
| TS13 | Ends At | TS18 | Primary Parents |
| EMAPA:16333[bulbus cordis] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 55 | | | |
|--------------------------|--|-------------|---------|
| | group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16333, name=bulbus cordis, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16338, name=bulbus cordis rostral half, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16338 has name [rostral half] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16338 has synonyms [conotruncus] | | |

| Modified OBOComponent 56 | | | |
|--|---|------|-----------------|
| ID | EMAPA:16337 | Name | Starts At |
| TS13 | Ends At | TS18 | Primary Parents |
| EMAPA:16334[bulbus cordis caudal half] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16333, name=bulbus cordis, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16334, name=bulbus cordis caudal half, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16337, name=bulbus cordis | | |

| Modified OBOComponent 56 | | | |
|--------------------------|---|-------------|---------|
| | caudal half cardiac muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16337 has name [cardiac muscle] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16337 has synonyms [myocardium] | | |

| Modified OBOComponent 57 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:16336 | Name | Starts At |
| TS13 | Ends At | TS14 | Primary Parents |
| EMAPA:16334[bulbus cordis caudal half] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16333, name=bulbus cordis, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16334, name=bulbus cordis caudal half, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16336, name=bulbus cordis caudal half endocardial tube, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16336 has name [endocardial tube] | | |

| Modified OBOComponent 58 | | | |
|--|-------------|------|-----------------|
| ID | EMAPA:16335 | Name | Starts At |
| TS13 | Ends At | TS17 | Primary Parents |
| EMAPA:16334[bulbus cordis caudal half] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| | | | |

| Modified OBOComponent 58 | | | |
|--------------------------|---|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16333, name=bulbus cordis, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16334, name=bulbus cordis caudal half, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16335, name=bulbus cordis caudal half cardiac jelly, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16335 has name [cardiac jelly] | | |

| Modified OBOComponent 59 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16339 | Name | Starts At |
| TS13 | Ends At | TS17 | Primary Parents |
| EMAPA:16338[bulbus cordis rostral half] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], | | |

| Modified OBOComponent 59 | | | |
|--------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16333, name=bulbus cordis, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16338, name=bulbus cordis rostral half, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16339, name=bulbus cordis rostral half cardiac jelly, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16339 has name [cardiac jelly] | | |

| Modified OBOComponent 60 | | | |
|---|--|-------------|-----------------|
| ID | EMAPA:16340 | Name | Starts At |
| TS13 | Ends At | TS14 | Primary Parents |
| EMAPA:16338[bulbus cordis rostral half] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16333, name=bulbus cordis, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16338, name=bulbus cordis rostral half, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16340, name=bulbus cordis rostral half endocardial tube, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16340 has name [endocardial tube] | | |

| Modified OBOComponent 61 | | | |
|--------------------------|-------------|------|-----------|
| ID | EMAPA:16341 | Name | Starts At |
| | | | |

| Modified OBOComponent 61 | | | |
|---|--|-------------|-----------------|
| TS13 | Ends At | TS18 | Primary Parents |
| EMAPA:16338[bulbus cordis rostral half] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16333, name=bulbus cordis, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16338, name=bulbus cordis rostral half, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16341, name=bulbus cordis rostral half cardiac muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16341 has name [cardiac muscle] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16341 has synonyms [myocardium] | | |

| Modified OBOComponent 62 | | | |
|------------------------------------|---|------|-----------------|
| ID | EMAPA:16344 | Name | Starts At |
| TS13 | Ends At | TS14 | Primary Parents |
| EMAPA:16342[common atrial chamber] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 62 | | | |
|--------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16342, name=common atrial chamber, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS14, present=0], OBOComponent [id=EMAPA:16344, name=common atrial chamber endocardial tube, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16344 has name [endocardial tube] | | |

| Modified OBOComponent 63 | | | |
|------------------------------------|---|-------------|-----------------|
| ID | EMAPA:16345 | Name | Starts At |
| TS13 | Ends At | TS14 | Primary Parents |
| EMAPA:16342[common atrial chamber] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16342, name=common atrial chamber, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS14, present=0], OBOComponent [id=EMAPA:16345, name=common atrial chamber cardiac muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16345 has name [cardiac muscle] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16345 has synonyms [myocardium] | | |

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| Modified OBOComponent 64 | | | |
|------------------------------------|--|-------------|-----------------|
| ID | EMAPA:16343 | Name | Starts At |
| TS13 | Ends At | TS14 | Primary Parents |
| EMAPA:16342[common atrial chamber] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16342, name=common atrial chamber, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS14, present=0], OBOComponent [id=EMAPA:16343, name=common atrial chamber cardiac jelly, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16343 has name [cardiac jelly] | | |

| Modified OBOComponent 65 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16307 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16305[rhombomere 05] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 65 | | | |
|--------------------------|---|-------------|---------|
| | start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16305, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16307, name=rhombomere 05 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=TH:00280, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16305, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16307, name=rhombomere 05 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16307 has name [neural fold] | | |

| Modified OBOComponent 66 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:16306 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16305[rhombomere 05] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| | | | |

Modified OBOComponent 66

Alternate Paths

```
1. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16069, name=ectoderm,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS09, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16073, name=neural
ectoderm, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS10, end=TS13, present=0 ],
OBOComponent [ id=EMAPA:16089, name=future brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS13, present=0 ],
OBOComponent [ id=EMAPA:16148, name=future
rhombencephalon, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS13, present=0 ],
OBOComponent [ id=EMAPA:16305, name=rhombomere 05,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS13, present=0 ],
OBOComponent [ id=EMAPA:16306, name=rhombomere 05
floor plate, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS13, end=TS13, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16069, name=ectoderm,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS09, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16073, name=neural
ectoderm, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS10, end=TS13, present=0 ],
OBOComponent [ id=EMAPA:16089, name=future brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS13, present=0 ],
OBOComponent [ id=EMAPA:16148, name=future
rhombencephalon, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS13, present=0 ],
OBOComponent [ id=TH:00280, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS13, present=0 ],
OBOComponent [ id=EMAPA:16305, name=rhombomere 05,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS13, present=0 ],
OBOComponent [ id=EMAPA:16306, name=rhombomere 05
floor plate, statusChange=CHANGED,
```

| Modified OBOComponent 66 | | | |
|--------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16306 has name [floor plate] | | |

| Modified OBOComponent 67 | | | |
|--|---|------|-----------------|
| ID | EMAPA:16309 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16292[rhombomere 01 neural fold] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16290, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16292, name=rhombomere 01 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16309, name=rhombomere 01 neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD,</p> | | |

Modified OBOComponent 67

| | | | |
|-------------|--|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=TH:00280, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16290, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16292, name=rhombomere 01 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16309, name=rhombomere 01 neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16309 has name [neural crest] | | |

Modified OBOComponent 68

| | | | |
|--|--|------|-----------------|
| ID | EMAPA:16308 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16307[rhombomere 05 neural fold] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 68 | | | |
|--------------------------|--|-------------|---------|
| | start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16305, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16307, name=rhombomere 05 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16308, name=rhombomere 05 neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=TH:00280, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16305, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16307, name=rhombomere 05 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16308, name=rhombomere 05 neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16308 has name [neural crest] | | |

| Modified OBOComponent 69 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:16303 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16301[rhombomere 04] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| | | | |

Modified OBOComponent 69

Alternate Paths

```
1. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16069, name=ectoderm,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS09, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16073, name=neural
ectoderm, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS10, end=TS13, present=0 ],
OBOComponent [ id=EMAPA:16089, name=future brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS13, present=0 ],
OBOComponent [ id=EMAPA:16148, name=future
rhombencephalon, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS13, present=0 ],
OBOComponent [ id=EMAPA:16301, name=rhombomere 04,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS13, present=0 ],
OBOComponent [ id=EMAPA:16303, name=rhombomere 04
neural fold, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS13, end=TS13, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16069, name=ectoderm,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS09, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16073, name=neural
ectoderm, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS10, end=TS13, present=0 ],
OBOComponent [ id=EMAPA:16089, name=future brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS13, present=0 ],
OBOComponent [ id=EMAPA:16148, name=future
rhombencephalon, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS13, present=0 ],
OBOComponent [ id=TH:00280, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS13, present=0 ],
OBOComponent [ id=EMAPA:16301, name=rhombomere 04,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS13, present=0 ],
OBOComponent [ id=EMAPA:16303, name=rhombomere 04
neural fold, statusChange=CHANGED,
```

| Modified OBOComponent 69 | | | |
|--------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16303 has name [neural fold] | | |

| Modified OBOComponent 70 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16302 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16301[rhombomere 04] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16301, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16302, name=rhombomere 04 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD,</p> | | |

| Modified OBOComponent 70 | | | |
|--------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=TH:00280, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16301, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16302, name=rhombomere 04 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16302 has name [floor plate] | | |

| Modified OBOComponent 71 | | | |
|--|--|------|-----------------|
| ID | EMAPA:16305 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| TH:00280[rhombomere] EMAPA:16148[future rhombencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16305, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 71 | | | |
|---|---|-------------|---------|
| dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=TH:00280, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16305, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16305 has parents [TH:00280, EMAPA:16148] | | |

| Modified OBOComponent 72 | | | |
|--|--|------|-----------------|
| ID | EMAPA:16304 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16303[rhombomere 04 neural fold] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future | | |

| Modified OBOComponent 72 | | | |
|--------------------------|---|-------------|---------|
| | <p>rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0],</p> <p>OBOComponent [id=EMAPA:16301, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0],</p> <p>OBOComponent [id=EMAPA:16303, name=rhombomere 04 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0],</p> <p>OBOComponent [id=EMAPA:16304, name=rhombomere 04 neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0],</p> <p>OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0],</p> <p>OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0],</p> <p>OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0],</p> <p>OBOComponent [id=TH:00280, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0],</p> <p>OBOComponent [id=EMAPA:16301, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0],</p> <p>OBOComponent [id=EMAPA:16303, name=rhombomere 04 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0],</p> <p>OBOComponent [id=EMAPA:16304, name=rhombomere 04 neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]]</p> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16304 has name [neural crest] | | |

| Modified OBOComponent 73 | | | |
|--|-------------|------|-----------------|
| ID | EMAPA:16310 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16167[future spinal cord neural lumen] | | | Group Parents |
| | | | |

| Modified OBOComponent 73 | | | |
|--------------------------|--|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16092, name=future spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16164, name=neural tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16167, name=future spinal cord neural lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16310, name=future spinal cord neural luminal occlusion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16310 has name [neural luminal occlusion] | | |

| Modified OBOComponent 74 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:16319 | Name | Starts At |
| TS13 | Ends At | TS15 | Primary Parents |
| EMAPA:16318[septum transversum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 74 | | | |
|--------------------------|--|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16318, name=septum transversum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS20, present=0], OBOComponent [id=EMAPA:16319, name=septum transversum hepatic component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS15, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16318, name=septum transversum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS20, present=0], OBOComponent [id=EMAPA:16319, name=septum transversum hepatic component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS15, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16319 has name [hepatic component] | | |

| Modified OBOComponent 75 | | | |
|---------------------------------|---|------|-----------------|
| ID | EMAPA:16317 | Name | Starts At |
| TS13 | Ends At | TS18 | Primary Parents |
| EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, | | |

Modified OBOComponent 75

```
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16317, name=somite 13,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS18, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16317, name=somite 13,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS18, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16317, name=somite 13,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS18, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
```


Modified OBOComponent 75

```
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16317, name=somite 13,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS18, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16317, name=somite 13,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS18, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
```

Modified OBOComponent 75

```
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16317, name=somite 13,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS18, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16317, name=somite 13,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS18, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16317, name=somite 13,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS18, present=0 ]]
```

Rule Status

PASSED

Edit Status

CHANGED

| Modified OBOComponent 75 | |
|--------------------------|--|
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16317 has parents [EMAPA:16184, EMAPA:31169] |

| Modified OBOComponent 76 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:16316 | Name | Starts At |
| TS13 | Ends At | TS18 | Primary Parents |
| EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16316, name=somite 12, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0]] </pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16316, name=somite 12, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0]] </pre> <p>3. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], </pre> <p>]</p> | | |

Modified OBOComponent 76

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16316, name=somite 12,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS18, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16316, name=somite 12,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS18, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
```

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```
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16316, name=somite 12,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS18, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16316, name=somite 12,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS18, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16316, name=somite 12,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

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|--------------------------|---|---|---------|
| | | start=TS13, end=TS18, present=0]] | |
| | | 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16316, name=somite 12, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16316 has parents [EMAPA:16184, EMAPA:31169] | | |

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|---------------------------------|---|------|-----------------|
| ID | EMAPA:16315 | Name | Starts At |
| TS13 | Ends At | TS17 | Primary Parents |
| EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16315, name=somite 11, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS17, present=0]] | | |

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```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16315, name=somite 11,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS17, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16315, name=somite 11,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS17, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
```

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```
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16315, name=somite 11,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS17, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16315, name=somite 11,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS17, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16315, name=somite 11,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS17, present=0 ]]
```


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```

7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16315, name=somite 11,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS17, present=0 ]]

```

```

8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16315, name=somite 11,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS17, present=0 ]]

```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16315 has parents [EMAPA:16184, EMAPA:31169] | | |

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| | | | |
|---------------------------------|-------------|------|-----------------|
| ID | EMAPA:16314 | Name | Starts At |
| TS13 | Ends At | TS17 | Primary Parents |
| EMAPA:16184[trunk somite group] | | | Group Parents |

| Modified OBOComponent 78 | |
|--------------------------|--|
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16314, name=somite 10, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS17, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16314, name=somite 10, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS17, present=0]]</p> <p>3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> |

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```
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16314, name=somite 10,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS17, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16314, name=somite 10,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS17, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16314, name=somite 10,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS17, present=0 ]]
```

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```

6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16314, name=somite 10,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS17, present=0 ]]

```

```

7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16314, name=somite 10,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS17, present=0 ]]

```

```

8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,

```

| Modified OBOComponent 78 | | | |
|--------------------------|--|---|---------|
| | | newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16314, name=somite 10, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS17, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16314 has parents [EMAPA:16184, EMAPA:31169] | | |

| Modified OBOComponent 79 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:16313 | Name | Starts At |
| TS13 | Ends At | TS17 | Primary Parents |
| EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16313, name=somite 09, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS17, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

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```
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16313, name=somite 09,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS17, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16313, name=somite 09,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS17, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16313, name=somite 09,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```


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```
start=TS13, end=TS17, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16313, name=somite 09,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS17, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16313, name=somite 09,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS17, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
```

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| | | | |
|---|---|-------------|---------|
| dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16313, name=somite 09, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS17, present=0]] | | | |
| 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16313, name=somite 09, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS17, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16313 has parents [EMAPA:16184, EMAPA:31169] | | |

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| | | | |
|--|---|------|-----------------|
| ID | EMAPA:31270 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:31562[nephrogenic zone GROUP] EMAPA:27690[renal interstitium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

Modified OBOComponent 80

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31562, name=nephrogenic
zone GROUP, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS20,
end=TS21, present=0 ],
OBOComponent [ id=EMAPA:31270, name=nephrogenic
interstitium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28518, name=renal
interstitium group, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27690, name=renal
interstitium, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ],
OBOComponent [ id=EMAPA:31270, name=nephrogenic
interstitium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

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```
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27690, name=renal
interstitium, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ],
OBOComponent [ id=EMAPA:31270, name=nephrogenic
interstitium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31562, name=nephrogenic
zone GROUP, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS20,
end=TS21, present=0 ],
OBOComponent [ id=EMAPA:31270, name=nephrogenic
interstitium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
```

| Modified OBOComponent 80 | | | |
|--------------------------|--|--|---------|
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28518, name=renal interstitium group, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS21, end=TS28, present=0], OBOComponent [id=EMAPA:27690, name=renal interstitium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0], OBOComponent [id=EMAPA:31270, name=nephrogenic interstitium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:31270 has synonyms [peripheral blastema] | | |

| Modified OBOComponent 81 | | | |
|-----------------------------|---|------|-----------------|
| ID | EMAPA:16323 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16322[optic eminence] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16322, name=optic eminence, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS14, present=0], OBOComponent [id=EMAPA:16323, name=optic eminence ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| | | | |

| Modified OBOComponent 81 | | | |
|--------------------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16323 has name [ectoderm] | | |

| Modified OBOComponent 82 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:16320 | Name | Starts At |
| TS13 | Ends At | TS20 | Primary Parents |
| EMAPA:16318[septum transversum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16318, name=septum transversum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS20, present=0],</p> <p>OBOComponent [id=EMAPA:16320, name=septum transversum non-hepatic component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS20, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16318, name=septum transversum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS20, present=0],</p> <p>OBOComponent [id=EMAPA:16320, name=septum transversum non-hepatic component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS20, present=0]]</p> | | |

| Modified OBOComponent 82 | | | |
|--------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16320 has name [non-hepatic component] | | |

| Modified OBOComponent 83 | | | |
|-------------------------------|--|-------------|-----------------|
| ID | EMAPA:16321 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16177[trunk mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16321, name=trunk mesenchyme derived from neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]]</pre> <p>2. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16321, name=trunk mesenchyme derived from neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]]</pre> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16321 has name [trunk mesenchyme from neural crest] | | |

| Modified OBOComponent 84 |
|--------------------------|
|--------------------------|

| Modified OBOComponent 84 | | | |
|--------------------------|--|-------------|-----------------|
| ID | EMAPA:28077 | Name | Starts At |
| TS22 | Ends At | TS28 | Primary Parents |
| EMAPA:17948[pelvis] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17948, name=pelvis, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS28, present=0], OBOComponent [id=EMAPA:28077, name=pelvic urothelial lining, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:28077 has synonyms [pelvic urothelium] | | |

| Modified OBOComponent 85 | | | |
|--|---|------|-----------------|
| ID | EMAPA:28075 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:28069[developing vasculature of medulla] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 85

```
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31563, name=developing
vasculature of urinary system GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28457, name=renal
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28069, name=developing
vasculature of medulla, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:28075, name=developing
capillary of medulla, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28457, name=renal
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28069, name=developing
vasculature of medulla, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:28075, name=developing
capillary of medulla, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 85

```
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31563, name=developing
vasculature of urinary system GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28457, name=renal
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28069, name=developing
vasculature of medulla, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:28075, name=developing
capillary of medulla, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28457, name=renal
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28069, name=developing
vasculature of medulla, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:28075, name=developing
capillary of medulla, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```


| Modified OBOComponent 85 | | | |
|---|--|-------------|---------|
| group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:19279, name=renal medulla, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28069, name=developing vasculature of medulla, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0], OBOComponent [id=EMAPA:28075, name=developing capillary of medulla, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:28075 has name [capillary] | | |

| Modified OBOComponent 86 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:17420 | Name | Starts At |
| TS20 | Ends At | TS20 | Primary Parents |
| EMAPA:17419[forearm mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17417, name=forearm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17419, name=forearm mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17420, name=radius-ulna pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 86 | | | |
|--------------------------|--|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17420 has synonyms [radio-ulna pre-cartilage condensation] | | |

| Modified OBOComponent 87 | | | |
|--------------------------|--|-------------|-----------------|
| ID | EMAPA:17422 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17421[shoulder] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17421, name=shoulder, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17422, name=shoulder epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17422 has name [epithelium] | | |

| Modified OBOComponent 88 | | | |
|--------------------------|---|------|-----------------|
| ID | EMAPA:17423 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17421[shoulder] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

| Modified OBOComponent 88 | | | |
|--------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17421, name=shoulder, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17423, name=shoulder mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17423 has name [mesenchyme] | | |

| Modified OBOComponent 89 | | | |
|--|--|------|-----------------|
| ID | EMAPA:28073 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:28069[developing vasculature of medulla] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:31563, name=developing vasculature of urinary system GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:28457, name=renal vasculature, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS21, end=TS28, present=0], OBOComponent [id=EMAPA:28069, name=developing vasculature of medulla, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0], OBOComponent [id=EMAPA:28073, name=developing venous vasculature of medulla, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, | | |

Modified OBOComponent 89

```
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28457, name=renal
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28069, name=developing
vasculature of medulla, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:28073, name=developing
venous vasculature of medulla,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31563, name=developing
vasculature of urinary system GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28457, name=renal
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28069, name=developing
vasculature of medulla, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:28073, name=developing
venous vasculature of medulla,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
```

Modified OBOComponent 89

```
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28457, name=renal
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28069, name=developing
vasculature of medulla, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:28073, name=developing
venous vasculature of medulla,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19279, name=renal medulla,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28069, name=developing
vasculature of medulla, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:28073, name=developing
```

| Modified OBOComponent 89 | | | |
|--------------------------|---|-------------|---------|
| | venous vasculature of medulla, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:28073 has name [venous] | | |

| Modified OBOComponent 90 | | | |
|--|--|------|-----------------|
| ID | EMAPA:28071 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:28069[developing vasculature of medulla] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:31563, name=developing vasculature of urinary system GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28457, name=renal vasculature, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS21, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28069, name=developing vasculature of medulla, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0],</p> <p>OBOComponent [id=EMAPA:28071, name=developng arterial vasculature of medulla, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17366, name=urinary system,</p> | | |

Modified OBOComponent 90

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28457, name=renal
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28069, name=developing
vasculature of medulla, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:28071, name=developng
arterial vasculature of medulla,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31563, name=developing
vasculature of urinary system GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28457, name=renal
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28069, name=developing
vasculature of medulla, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:28071, name=developng
arterial vasculature of medulla,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
```

| Modified OBOComponent 90 | | | |
|---|---|-------------|---------|
| <pre> statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28457, name=renal vasculature, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS21, end=TS28, present=0], OBOComponent [id=EMAPA:28069, name=developing vasculature of medulla, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0], OBOComponent [id=EMAPA:28071, name=developng arterial vasculature of medulla, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] 5. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:19279, name=renal medulla, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28069, name=developing vasculature of medulla, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0], OBOComponent [id=EMAPA:28071, name=developng arterial vasculature of medulla, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] </pre> | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:28071 has name [arterial] | | |

| Modified OBOComponent 91 | | | |
|--------------------------|-------------|------|-----------------|
| ID | EMAPA:17416 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17414[elbow] | | | Group Parents |
| | | | Synonyms |
| | | | |

| Modified OBOComponent 91 | | | |
|--------------------------|--|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17414, name=elbow, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17416, name=elbow mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17416 has name [mesenchyme] | | |

| Modified OBOComponent 92 | | | |
|--------------------------|--|------|-----------------|
| ID | EMAPA:17415 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17414[elbow] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17414, name=elbow, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 92 | | | |
|--------------------------|--|-------------|---------|
| | group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17415, name=elbow epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17415 has name [epithelium] | | |

| Modified OBOComponent 93 | | | |
|--------------------------|---|-------------|-----------------|
| ID | EMAPA:17418 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17417[forearm] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17417, name=forearm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17418, name=forearm epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17418 has name [epithelium] | | |

| Modified OBOComponent 94 | | | |
|--------------------------|---|------|-----------------|
| ID | EMAPA:17419 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17417[forearm] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

| Modified OBOComponent 94 | | | |
|--------------------------|--|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17417, name=forearm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17419, name=forearm mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17419 has name [mesenchyme] | | |

| Modified OBOComponent 95 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:17430 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17429[forelimb digit 1] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17430, name=forelimb digit 1 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

Modified OBOComponent 95

```
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17430, name=forelimb digit
1 epithelium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17430, name=forelimb digit
1 epithelium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
```

| Modified OBOComponent 95 | | | |
|--------------------------|---|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17430, name=forelimb digit 1 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17430 has name [epithelium] | | |

| Modified OBOComponent 96 | | | |
|--------------------------|--|-------------|-----------------|
| ID | EMAPA:28089 | Name | Starts At |
| TS21 | Ends At | TS28 | Primary Parents |
| EMAPA:17950[ureter] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17950, name=ureter, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:28089, name=urothelium of ureter, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced | | |

| Modified OBOComponent 96 | |
|--------------------------|---|
| | OBOComponent EMAPA:28089 has synonyms [transitional epithelium] |

| Modified OBOComponent 97 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:17433 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17432[forelimb digit 2] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <pre> 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17433, name=forelimb digit 2 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, </pre> | | |

Modified OBOComponent 97

```
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17433, name=forelimb digit
2 epithelium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17433, name=forelimb digit
2 epithelium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17433, name=forelimb digit
2 epithelium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

Rule Status

PASSED

Edit Status

CHANGED

| Modified OBOComponent 97 | |
|--------------------------|---|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17433 has name [epithelium] |

| Modified OBOComponent 98 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:28850 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:28844[ureteral smooth muscle layer] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17950, name=ureter, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:28844, name=ureteral smooth muscle layer, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28850, name=ureteral smooth muscle layer interstitium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:28850 has name [interstitium] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:28850 has synonyms [Cajal cell] | | |

| Modified OBOComponent 99 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:17434 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17432[forelimb digit 2] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

Modified OBOComponent 99

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17434, name=forelimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17434, name=forelimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
```

| Modified OBOComponent 99 | | | |
|--------------------------|---|--|---------|
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17434, name=forelimb digit 2 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17434, name=forelimb digit 2 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17434 has name [mesenchyme] | | |

| Modified OBOComponent 100 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:17431 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17429[forelimb digit 1] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

Modified OBOComponent 100

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17431, name=forelimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17431, name=forelimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
```

| Modified OBOComponent 100 | | | |
|---------------------------|---|--|---------|
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17431, name=forelimb digit 1 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17431, name=forelimb digit 1 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17431 has name [mesenchyme] | | |

| Modified OBOComponent 101 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17432 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| TH:00133[forelimb digit] EMAPA:17428[handplate] | | | Group Parents |
| | | | Synonyms |
| [index finger, second finger] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

Modified OBOComponent 101

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
```

| Modified OBOComponent 101 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0] | | |
| | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17432 has name [digit 2] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17432 has parents [TH:00133, EMAPA:17428] | | |

| Modified OBOComponent 102 | | | |
|-----------------------------------|--|------|-----------------|
| ID | EMAPA:17427 | Name | Starts At |
| TS20 | Ends At | TS20 | Primary Parents |
| EMAPA:17426[upper arm mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 102 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17424, name=upper arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17426, name=upper arm mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17427, name=humeral pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17427 has synonyms [humeral pre-cartilage condensation] | | |

| Modified OBOComponent 103 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:17426 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17424[upper arm] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17424, name=upper arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17426, name=upper arm mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17426 has name [mesenchyme] | | |

| Modified OBOComponent 104 | | | |
|---------------------------|-------------|------|-----------------|
| ID | EMAPA:17425 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| | | | |

| Modified OBOComponent 104 | | | |
|---------------------------|--|---------------|---------|
| EMAPA:17424[upper arm] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17424, name=upper arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17425, name=upper arm epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17425 has name [epithelium] | | |

| Modified OBOComponent 105 | | | |
|---|--|------|-----------------|
| ID | EMAPA:28847 | Name | Starts At |
| TS25 | Ends At | TS27 | Primary Parents |
| EMAPA:28844[ureteral smooth muscle layer] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], | | |

| Modified OBOComponent 105 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:17950, name=ureter, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:28844, name=ureteral smooth muscle layer, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28847, name=ureteral smooth muscle layer smooth muscle component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS27, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:28847 has name [smooth muscle component] | | |

| Modified OBOComponent 106 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17429 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17428[handplate] TH:00133[forelimb digit] | | | Group Parents |
| | | | Synonyms |
| [first finger, pollex, thumb] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 106

```
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ]]
```

| | | | |
|-------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17429 has name [digit 1] | | |
| | 2. Different Parents - Referenced | | |

| | |
|----------------------------------|--|
| Modified OBOComponent 106 | |
| | OBOComponent EMAPA:17429 has parents [EMAPA:17428, TH:00133] |

| | | | |
|---|---|--------------------|------------------------|
| Modified OBOComponent 107 | | | |
| <i>ID</i> | EMAPA:17428 | <i>Name</i> | <i>Starts At</i> |
| TS20 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17412[forelimb] TH:00093[autopod] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Primary Path</i> |
| <i>Alternate Paths</i> | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]</p> | | |
| <i>Rule Status</i> | PASSED | <i>Edit Status</i> | CHANGED |
| <i>Comments</i> | <p>1. Different Name - Referenced OBOComponent EMAPA:17428 has name [fore-paw]</p> <p>2. Different Parents - Referenced OBOComponent EMAPA:17428 has parents [EMAPA:17412, TH:00093]</p> | | |

| | | | |
|----------------------------------|----------------|-------------|------------------------|
| Modified OBOComponent 108 | | | |
| <i>ID</i> | EMAPA:17407 | <i>Name</i> | <i>Starts At</i> |
| TS19 | <i>Ends At</i> | TS22 | <i>Primary Parents</i> |

| | |
|----------------------------------|---|
| Modified OBOComponent 108 | |
| EMAPA:16860[tail somite group] | Group Parents |
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17407, name=somite 48, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS22, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17407, name=somite 48, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS22, present=0]]</p> <p>3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial</p> |

Modified OBOComponent 108

```
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17407, name=somite 48,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17407, name=somite 48,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS22, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17407, name=somite 48,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS22, present=0 ]]
```

Modified OBOComponent 108

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17407, name=somite 48,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS22, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17407, name=somite 48,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS22, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
```


| Modified OBOComponent 108 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17407, name=somite 48, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17407 has parents [EMAPA:16860, EMAPA:31169] | | |

| Modified OBOComponent 109 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:17403 | Name | Starts At |
| TS19 | Ends At | TS22 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17403, name=somite 47, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS22, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, | | |

Modified OBOComponent 109

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17403, name=somite 47,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17403, name=somite 47,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17403, name=somite 47,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS22, present=0 ]]
```


Modified OBOComponent 109

```

5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17403, name=somite 47,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS22, present=0 ]]

```

```

6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=meseenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17403, name=somite 47,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS22, present=0 ]]

```

```

7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,

```

| Modified OBOComponent 109 | | | |
|---------------------------|---|--|---------|
| | | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17403, name=somite 47, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS22, present=0]] | |
| | | 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17403, name=somite 47, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS22, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17403 has parents [EMAPA:16860, EMAPA:31169] | | |

| Modified OBOComponent 110 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:17461 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17460[hindlimb digit 1] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

Modified OBOComponent 110

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17461, name=hindlimb digit
1 epithelium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17461, name=hindlimb digit
1 epithelium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
```

| Modified OBOComponent 110 | | | |
|--|---|-------------|---------|
| dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17461, name=hindlimb digit 1 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | | |
| 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17461, name=hindlimb digit 1 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17461 has name [epithelium] | | |

| Modified OBOComponent 111 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17460 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17459[footplate] TH:00149[hindlimb digit] | | | Group Parents |
| | | | Synonyms |
| [first toe, hallux, large toe] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

Modified OBOComponent 111

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
```

| Modified OBOComponent 111 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0] | | |
| | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17460 has name [digit 1] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17460 has parents [EMAPA:17459, TH:00149] | | |

| Modified OBOComponent 112 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17463 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17459[footplate] TH:00149[hindlimb digit] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, | | |

Modified OBOComponent 112

```
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 112 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17463 has name [digit 2] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17463 has parents [EMAPA:17459, TH:00149] | | |
| | 3. Different Synonyms - Referenced OBOComponent EMAPA:17463 has synonyms [second toe] | | |

| Modified OBOComponent 113 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:17462 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17460[hindlimb digit 1] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17462, name=hindlimb digit 1 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

Modified OBOComponent 113

start=TS20, end=TS26, present=0]]

2. [
 OBOComponent [id=EMAPA:0, name=Abstract anatomy,
 statusChange=UNCHECKED, statusRule=UNCHECKED,
 dbID=TBD, newid=TBD, namespace=abstract_anatomy,
 group=false, start=, end=, present=0],
 OBOComponent [id=EMAPA:25765, name=mouse,
 statusChange=UNCHECKED, statusRule=UNCHECKED,
 dbID=TBD, newid=TBD, namespace=abstract_anatomy,
 group=false, start=TS01, end=TS28, present=0],
 OBOComponent [id=EMAPA:16039, name=embryo,
 statusChange=UNCHANGED, statusRule=PASSED,
 dbID=TBD, newid=TBD, namespace=abstract_anatomy,
 group=true, start=TS04, end=TS26, present=0],
 OBOComponent [id=EMAPA:16405, name=limb,
 statusChange=UNCHANGED, statusRule=PASSED,
 dbID=TBD, newid=TBD, namespace=abstract_anatomy,
 group=false, start=TS14, end=TS26, present=0],
 OBOComponent [id=EMAPA:17458, name=hindlimb,
 statusChange=UNCHANGED, statusRule=PASSED,
 dbID=TBD, newid=TBD, namespace=abstract_anatomy,
 group=false, start=TS20, end=TS26, present=0],
 OBOComponent [id=EMAPA:17459, name=footplate,
 statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
 newid=TBD, namespace=abstract_anatomy, group=false,
 start=TS20, end=TS26, present=0],
 OBOComponent [id=EMAPA:17460, name=hindlimb digit
 1, statusChange=CHANGED, statusRule=PASSED,
 dbID=TBD, newid=TBD, namespace=abstract_anatomy,
 group=false, start=TS20, end=TS26, present=0],
 OBOComponent [id=EMAPA:17462, name=hindlimb digit
 1 mesenchyme, statusChange=CHANGED,
 statusRule=PASSED, dbID=TBD, newid=TBD,
 namespace=abstract_anatomy, group=false,
 start=TS20, end=TS26, present=0]]

3. [
 OBOComponent [id=EMAPA:0, name=Abstract anatomy,
 statusChange=UNCHECKED, statusRule=UNCHECKED,
 dbID=TBD, newid=TBD, namespace=abstract_anatomy,
 group=false, start=, end=, present=0],
 OBOComponent [id=EMAPA:25765, name=mouse,
 statusChange=UNCHECKED, statusRule=UNCHECKED,
 dbID=TBD, newid=TBD, namespace=abstract_anatomy,
 group=false, start=TS01, end=TS28, present=0],
 OBOComponent [id=EMAPA:16039, name=embryo,
 statusChange=UNCHANGED, statusRule=PASSED,
 dbID=TBD, newid=TBD, namespace=abstract_anatomy,
 group=true, start=TS04, end=TS26, present=0],
 OBOComponent [id=EMAPA:16405, name=limb,
 statusChange=UNCHANGED, statusRule=PASSED,
 dbID=TBD, newid=TBD, namespace=abstract_anatomy,
 group=false, start=TS14, end=TS26, present=0],
 OBOComponent [id=TH:00093, name=autopod,
 statusChange=NEW, statusRule=PASSED, dbID=TBD,
 newid=TBD, namespace=abstract_anatomy, group=false,
 start=TS19, end=TS26, present=0],
 OBOComponent [id=EMAPA:17459, name=footplate,
 statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
 newid=TBD, namespace=abstract_anatomy, group=false,
 start=TS20, end=TS26, present=0],
 OBOComponent [id=TH:00149, name=hindlimb digit,
 statusChange=NEW, statusRule=PASSED, dbID=TBD,
 newid=TBD, namespace=abstract_anatomy, group=false,
 start=TS20, end=TS26, present=0],
 OBOComponent [id=EMAPA:17460, name=hindlimb digit
 1, statusChange=CHANGED, statusRule=PASSED,
 dbID=TBD, newid=TBD, namespace=abstract_anatomy,
 group=false, start=TS20, end=TS26, present=0],
 OBOComponent [id=EMAPA:17462, name=hindlimb digit
 1 mesenchyme, statusChange=CHANGED,
 statusRule=PASSED, dbID=TBD, newid=TBD,
 namespace=abstract_anatomy, group=false,
 start=TS20, end=TS26, present=0]]

4. [
 OBOComponent [id=EMAPA:0, name=Abstract anatomy,
 statusChange=UNCHECKED, statusRule=UNCHECKED,
 dbID=TBD, newid=TBD, namespace=abstract_anatomy,
 group=false, start=, end=, present=0],
 OBOComponent [id=EMAPA:25765, name=mouse,
 statusChange=UNCHECKED, statusRule=UNCHECKED,

| Modified OBOComponent 113 | | | |
|---|---|-------------|---------|
| dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17462, name=hindlimb digit 1 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17462 has name [mesenchyme] | | |

| Modified OBOComponent 114 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:17465 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17463[hindlimb digit 2] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17465, name=hindlimb digit 2 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

Modified OBOComponent 114

```
start=TS20, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17465, name=hindlimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17465, name=hindlimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
```

| Modified OBOComponent 114 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17465, name=hindlimb digit 2 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17465 has name [mesenchyme] | | |

| Modified OBOComponent 115 | | | |
|---|--|------|-----------------|
| ID | EMAPA:28037 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:28029[developing vasculature of cortex] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:31563, name=developing vasculature of urinary system GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:28457, name=renal vasculature, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS21, end=TS28, present=0], OBOComponent [id=EMAPA:28029, name=developing vasculature of cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0], OBOComponent [id=EMAPA:28037, name=developing | | |

Modified OBOComponent 115

```
venous vasculature of cortex, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28457, name=renal
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28029, name=developing
vasculature of cortex, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:28037, name=developing
venous vasculature of cortex, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31563, name=developing
vasculature of urinary system GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28457, name=renal
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28029, name=developing
vasculature of cortex, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:28037, name=developing
```

Modified OBOComponent 115

```
venous vasculature of cortex, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28457, name=renal
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28029, name=developing
vasculature of cortex, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:28037, name=developing
venous vasculature of cortex, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28029, name=developing
vasculature of cortex, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
```


| Modified OBOComponent 115 | | | |
|---------------------------|--|-------------|---------|
| | start=TS22, end=TS22, present=0], OBOComponent [id=EMAPA:28037, name=developing venous vasculature of cortex, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:28037 has name [venous] | | |

| Modified OBOComponent 116 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:17464 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17463[hindlimb digit 2] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17464, name=hindlimb digit 2 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED,</p> | | |

Modified OBOComponent 116

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17464, name=hindlimb digit
2 epithelium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17464, name=hindlimb digit
2 epithelium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```


| Modified OBOComponent 116 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17464, name=hindlimb digit 2 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17464 has name [epithelium] | | |

| Modified OBOComponent 117 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:17467 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17466[hindlimb digit 3] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00149, name=hindlimb digit 3, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17467, name=hindlimb digit 3 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED,</p> | | |

Modified OBOComponent 117

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17467, name=hindlimb digit
3 epithelium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17467, name=hindlimb digit
3 epithelium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 117 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17467, name=hindlimb digit 3 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17467 has name [epithelium] | | |

| Modified OBOComponent 118 | | | |
|---|--|------|-----------------|
| ID | EMAPA:28035 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:28029[developing vasculature of cortex] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:31563, name=developing vasculature of urinary system GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28457, name=renal vasculature, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS21, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28029, name=developing vasculature of cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0],</p> <p>OBOComponent [id=EMAPA:28035, name=developing arterial vasculature of cortex, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> | | |

Modified OBOComponent 118

```
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28457, name=renal
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28029, name=developing
vasculature of cortex, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:28035, name=developing
arterial vasculature of cortex,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31563, name=developing
vasculature of urinary system GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28457, name=renal
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28029, name=developing
vasculature of cortex, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:28035, name=developing
arterial vasculature of cortex,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 118

| | | | |
|---|---|-------------|---------|
| <pre> group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28457, name=renal vasculature, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS21, end=TS28, present=0], OBOComponent [id=EMAPA:28029, name=developing vasculature of cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0], OBOComponent [id=EMAPA:28035, name=developing arterial vasculature of cortex, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] </pre> | | | |
| <pre> 5. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17952, name=renal cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28029, name=developing vasculature of cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0], OBOComponent [id=EMAPA:28035, name=developing arterial vasculature of cortex, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] </pre> | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:28035 has name [arterial] | | |

Modified OBOComponent 119

| | | | |
|---|-------------|------|-----------------|
| ID | EMAPA:17466 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17459[footplate] TH:00149[hindlimb digit] | | | Group Parents |
| | | | |

| Modified OBOComponent 119 | |
|---------------------------|---|
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]</p> <p>3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED,</p> |

| Modified OBOComponent 119 | | | |
|---------------------------|--|--|---------|
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17466 has name [digit 3] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17466 has parents [EMAPA:17459, TH:00149] | | |
| | 3. Different Synonyms - Referenced OBOComponent EMAPA:17466 has synonyms [third toe] | | |

| Modified OBOComponent 120 | | | |
|----------------------------------|--|------|-----------------|
| ID | EMAPA:28811 | Name | Starts At |
| TS23 | Ends At | TS24 | Primary Parents |
| EMAPA:27711[ureteral mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

| Modified OBOComponent 120 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17950, name=ureter, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27711, name=ureteral mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS24, present=0], OBOComponent [id=EMAPA:28811, name=ureteral smooth muscle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS24, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:28811 has synonyms [presumptive ureteral smooth muscle layer] | | |

| Modified OBOComponent 121 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:17457 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17428[handplate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17457, name=handplate mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 121 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17457, name=handplate mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17457 has name [mesenchyme] | | |

| Modified OBOComponent 122 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17459 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17458[hindlimb] TH:00093[autopod] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 122 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17459 has name [hind-paw] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17459 has parents [EMAPA:17458, TH:00093] | | |

| Modified OBOComponent 123 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:28814 | Name | Starts At |
| TS23 | Ends At | TS24 | Primary Parents |
| EMAPA:28811[ureteral smooth muscle layer] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17950, name=ureter, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27711, name=ureteral mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS24, present=0], OBOComponent [id=EMAPA:28811, name=ureteral smooth muscle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS24, present=0], OBOComponent [id=EMAPA:28814, name=ureteral smooth muscle layer smooth muscle component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS24, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 123 | |
|---------------------------|--|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:28814 has name [smooth muscle component] |

| Modified OBOComponent 124 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:19003 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:19002[right lung accessory lobe bronchiole] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17981, name=right lung accessory lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17982, name=right lung accessory lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19002, name=right lung accessory lobe bronchiole, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19003, name=right lung accessory lobe alveolar system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19003 has name [alveolar system] | | |

| Modified OBOComponent 125 | | | |
|---------------------------|-------------|------|-----------------|
| ID | EMAPA:19002 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| | | | |

| Modified OBOComponent 125 | | | |
|---|--|---------------|---------|
| EMAPA:17982[right lung accessory lobe lobar bronchus] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17981, name=right lung accessory lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17982, name=right lung accessory lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19002, name=right lung accessory lobe bronchiole, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19002 has name [bronchiole] | | |

| Modified OBOComponent 126 | | | |
|-----------------------------------|---|------|-----------------|
| ID | EMAPA:19001 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:19000[left lung bronchiole] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

Modified OBOComponent 126

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16727, name=respiratory
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16728, name=lung,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00053, name=lobar bronchus,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17656, name=left lung lobar
bronchus, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19000, name=left lung
bronchiole, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19001, name=left lung
alveolar system, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16727, name=respiratory
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16728, name=lung,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17653, name=left lung,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17656, name=left lung lobar
bronchus, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19000, name=left lung
bronchiole, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19001, name=left lung
alveolar system, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
```

| Modified OBOComponent 126 | | | |
|---------------------------|--|---|---------|
| | | namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19001 has name [alveolar system] | | |

| Modified OBOComponent 127 | | | |
|---------------------------------------|--|------|-----------------|
| ID | EMAPA:19000 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17656[left lung lobar bronchus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00053, name=lobar bronchus, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17656, name=left lung lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:19000, name=left lung bronchiole, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED,</p> | | |

| Modified OBOComponent 127 | | | |
|--|---|-------------|---------|
| dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17653, name=left lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17656, name=left lung lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19000, name=left lung bronchiole, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19000 has name [bronchiole] | | |

| Modified OBOComponent 128 | | | |
|---|---|------|-----------------|
| ID | EMAPA:19007 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:19006[right lung cranial lobe bronchiole] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17991, name=right lung cranial lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17992, name=right lung cranial lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 128 | | | |
|---------------------------|--|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19006, name=right lung cranial lobe bronchiole, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19007, name=right lung cranial lobe alveolar system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19007 has name [alveolar system] | | |

| Modified OBOComponent 129 | | | |
|---|--|-------------|-----------------|
| ID | EMAPA:19006 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17992[right lung cranial lobe lobar bronchus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17991, name=right lung cranial lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17992, name=right lung cranial lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19006, name=right lung cranial lobe bronchiole, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19006 has name [bronchiole] | | |

| Modified OBOComponent 130 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:19005 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:19004[right lung caudal lobe bronchiole] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17986, name=right lung caudal lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17987, name=right lung caudal lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19004, name=right lung caudal lobe bronchiole, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19005, name=right lung caudal lobe alveolar system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19005 has name [alveolar system] | | |

| Modified OBOComponent 131 | | | |
|--|-------------|------|-----------------|
| ID | EMAPA:19004 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17987[right lung caudal lobe lobar bronchus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [| | |

| Modified OBOComponent 131 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17986, name=right lung caudal lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17987, name=right lung caudal lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19004, name=right lung caudal lobe bronchiole, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19004 has name [bronchiole] | | |

| Modified OBOComponent 132 | | | |
|--|--|------|-----------------|
| ID | EMAPA:19008 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17998[right lung middle lobe lobar bronchus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],] | | |

| Modified OBOComponent 132 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17997, name=right lung middle lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17998, name=right lung middle lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19008, name=right lung middle lobe bronchiole, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19008 has name [bronchiole] | | |

| Modified OBOComponent 133 | | | |
|--|---|------|-----------------|
| ID | EMAPA:19009 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:19008[right lung middle lobe bronchiole] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], | | |

| Modified OBOComponent 133 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:17997, name=right lung middle lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17998, name=right lung middle lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19008, name=right lung middle lobe bronchiole, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19009, name=right lung middle lobe alveolar system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19009 has name [alveolar system] | | |

| Modified OBOComponent 134 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:17470 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17469[hindlimb digit 4] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17470, name=hindlimb digit 4 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

Modified OBOComponent 134

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17470, name=hindlimb digit
4 epithelium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17470, name=hindlimb digit
4 epithelium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
```

| Modified OBOComponent 134 | | | |
|---------------------------|---|---|---------|
| | | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17470, name=hindlimb digit 4 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17470 has name [epithelium] | | |

| Modified OBOComponent 135 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:17474 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17472[hindlimb digit 5] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17474, name=hindlimb digit 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

Modified OBOComponent 135

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17474, name=hindlimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17474, name=hindlimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
```

| Modified OBOComponent 135 | | | |
|---------------------------|---|---|---------|
| | | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17474, name=hindlimb digit 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17474 has name [mesenchyme] | | |

| Modified OBOComponent 136 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:17473 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17472[hindlimb digit 5] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17473, name=hindlimb digit 5 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

Modified OBOComponent 136

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17473, name=hindlimb digit
5 epithelium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17473, name=hindlimb digit
5 epithelium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
```

| Modified OBOComponent 136 | | | |
|---------------------------|---|---|---------|
| | | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17473, name=hindlimb digit 5 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17473 has name [epithelium] | | |

| Modified OBOComponent 137 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17472 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| TH:00149[hindlimb digit] EMAPA:17459[footplate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

Modified OBOComponent 137

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ]]
```

| Modified OBOComponent 137 | | | |
|---------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17472 has name [digit 5] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17472 has parents [TH:00149, EMAPA:17459] | | |
| | 3. Different Synonyms - Referenced OBOComponent EMAPA:17472 has synonyms [fifth toe] | | |

| Modified OBOComponent 138 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:17471 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17469[hindlimb digit 4] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17471, name=hindlimb digit 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]</pre> <p>2. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED,</pre> | | |

Modified OBOComponent 138

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17471, name=hindlimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17471, name=hindlimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 138 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17471, name=hindlimb digit 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17471 has name [mesenchyme] | | |

| Modified OBOComponent 139 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17478 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17476[interdigital region between hindlimb digits 1 and 2] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17476, name=interdigital region between hindlimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17478, name=interdigital region between hindlimb digits 1 and 2 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> | | |

Modified OBOComponent 139

```
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00159, name=hindlimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17476, name=interdigital
region between hindlimb digits 1 and 2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17478, name=interdigital
region between hindlimb digits 1 and 2 mesenchyme,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17476, name=interdigital
region between hindlimb digits 1 and 2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17478, name=interdigital
region between hindlimb digits 1 and 2 mesenchyme,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00159, name=hindlimb
interdigital region, statusChange=NEW,
```

| Modified OBOComponent 139 | | | |
|---------------------------|--|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17476, name=interdigital region between hindlimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17478, name=interdigital region between hindlimb digits 1 and 2 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17478 has name [mesenchyme] | | |

| Modified OBOComponent 140 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17477 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17476[interdigital region between hindlimb digits 1 and 2] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17476, name=interdigital region between hindlimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17477, name=interdigital region between hindlimb digits 1 and 2 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, | | |

Modified OBOComponent 140

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00159, name=hindlimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17476, name=interdigital
region between hindlimb digits 1 and 2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17477, name=interdigital
region between hindlimb digits 1 and 2 epithelium,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17476, name=interdigital
region between hindlimb digits 1 and 2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17477, name=interdigital
region between hindlimb digits 1 and 2 epithelium,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

| Modified OBOComponent 140 | | | |
|---------------------------|---|--|---------|
| | | start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00159, name=hindlimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17476, name=interdigital region between hindlimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17477, name=interdigital region between hindlimb digits 1 and 2 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17477 has name [epithelium] | | |

| Modified OBOComponent 141 | | | |
|--|---|------|-----------------|
| ID | EMAPA:28049 | Name | Starts At |
| TS22 | Ends At | TS24 | Primary Parents |
| EMAPA:28445[stage IV immature nephron] EMAPA:19279[renal medulla] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28445, name=stage IV immature nephron, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22, end=TS22, present=0], OBOComponent [id=EMAPA:28049, name=immature loop of Henle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS24, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 141

```
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:28049, name=immature loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19279, name=renal medulla,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28049, name=immature loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ]]
```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:28049 has synonyms [anlagen of loop of Henle] | | |

Modified OBOComponent 142

| | | | |
|---|-------------|------|-----------------|
| ID | EMAPA:17476 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17459[footplate] TH:00159[hindlimb] | | | Group Parents |

| Modified OBOComponent 142 | |
|---------------------------|--|
| interdigital region] | |
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17476, name=interdigital region between hindlimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00159, name=hindlimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17476, name=interdigital region between hindlimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]</p> <p>3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED,</p> |

| Modified OBOComponent 142 | | | |
|---------------------------|---|--|---------|
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17476, name=interdigital region between hindlimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00159, name=hindlimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17476, name=interdigital region between hindlimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17476 has name [interdigital region between digits 1 and 2] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17476 has parents [EMAPA:17459, TH:00159] | | |

| Modified OBOComponent 143 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:17475 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17459[footplate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

| Modified OBOComponent 143 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17475, name=footplate rest of epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17475, name=footplate rest of epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17475 has name [rest of epithelium] | | |

| Modified OBOComponent 144 | | | |
|---|---|------|-----------------|
| ID | EMAPA:28039 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:28029[developing vasculature of cortex] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 144

```
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31563, name=developing
vasculature of urinary system GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28457, name=renal
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28029, name=developing
vasculature of cortex, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:28039, name=developing
capillary of cortex, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28457, name=renal
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28029, name=developing
vasculature of cortex, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:28039, name=developing
capillary of cortex, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```


Modified OBOComponent 144

```
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31563, name=developing
vasculature of urinary system GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28457, name=renal
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28029, name=developing
vasculature of cortex, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:28039, name=developing
capillary of cortex, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28457, name=renal
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28029, name=developing
vasculature of cortex, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:28039, name=developing
capillary of cortex, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 144 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17952, name=renal cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28029, name=developing vasculature of cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0], OBOComponent [id=EMAPA:28039, name=developing capillary of cortex, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:28039 has name [capillary] | | |

| Modified OBOComponent 145 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:17468 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17466[hindlimb digit 3] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], | | |

Modified OBOComponent 145

```
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17468, name=hindlimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17468, name=hindlimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17468, name=hindlimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

| Modified OBOComponent 145 | | | |
|---------------------------|--|-------------|---------|
| | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17468, name=hindlimb digit 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17468 has name [mesenchyme] | | |

| Modified OBOComponent 146 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17469 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17459[footplate] TH:00149[hindlimb digit] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17469, name=hindlimb digit | | |

Modified OBOComponent 146

4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]

2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]

3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]

4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED,

| Modified OBOComponent 146 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17469 has name [digit 4] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17469 has parents [EMAPA:17459, TH:00149] | | |
| | 3. Different Synonyms - Referenced OBOComponent EMAPA:17469 has synonyms [fourth toe] | | |

| Modified OBOComponent 147 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:19010 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:19431[C1] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00028, name=vertebra, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:17674, name=cervical vertebra, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:19431, name=C1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:19010, name=cruciate ligament, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 147

```
group=false, start=TS24, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17215, name=axial skeleton
cervical region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17674, name=cervical
vertebra, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19431, name=C1,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19010, name=cruciate
ligament, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00028, name=vertebra,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17674, name=cervical
vertebra, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19431, name=C1,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19010, name=cruciate
```


| Modified OBOComponent 147 | | | |
|---------------------------|--|--|---------|
| | | ligament, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17215, name=axial skeleton cervical region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17674, name=cervical vertebra, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:19431, name=C1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:19010, name=cruciate ligament, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:19010 has synonyms [triradiate ligament] | | |

| Modified OBOComponent 148 | | | |
|-----------------------------|---|------|-----------------|
| ID | EMAPA:19012 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17681[chondrocranium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], | | |

| Modified OBOComponent 148 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17681, name=chondrocranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19012, name=hypoglossal canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17681, name=chondrocranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19012, name=hypoglossal canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:19012 has synonyms [anterior condylar canal] | | |

| Modified OBOComponent 149 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:19017 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18016[vault of skull] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], | | |

| Modified OBOComponent 149 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18016, name=vault of skull, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19017, name=inter-parietal bone, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18016, name=vault of skull, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19017, name=inter-parietal bone, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:19017 has synonyms [squamous part of supraoccipital bone] | | |

| Modified OBOComponent 150 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16390 | Name | Starts At |
| TS14 | Ends At | TS18 | Primary Parents |
| EMAPA:16388[1st branchial arch maxillary component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 150 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16117, name=branchial arch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16118, name=1st branchial arch, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16388, name=1st branchial arch maxillary component, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0], OBOComponent [id=EMAPA:16390, name=maxillary component endoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16390 has synonyms [endothelium] | | |

| Modified OBOComponent 151 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:28841 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:17950[ureter] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17950, name=ureter, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:28841, name=lamina propria of ureter, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:28841 has name [lamina propria] | | |

| Modified OBOComponent 152 | | | |
|---------------------------|-------------|------|-----------------|
| ID | EMAPA:17443 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| | | | |

| | | |
|----------------------------------|---|---------------|
| Modified OBOComponent 152 | | |
| EMAPA:17441[forelimb digit 5] | | Group Parents |
| | | Synonyms |
| [] | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17443, name=forelimb digit 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] </pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17443, name=forelimb digit 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] </pre> <p>3. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, </pre> | |

Modified OBOComponent 152

| | | | |
|--|---|-------------|---------|
| dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17443, name=forelimb digit 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | | |
| 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17443, name=forelimb digit 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17443 has name [mesenchyme] | | |

Modified OBOComponent 153

| | | | |
|------|-------------|------|-----------------|
| ID | EMAPA:17442 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| | | | |

| Modified OBOComponent 153 | |
|-------------------------------|---|
| EMAPA:17441[forelimb digit 5] | Group Parents |
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17442, name=forelimb digit 5 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]]</pre> <p>2. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17442, name=forelimb digit 5 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]]</pre> <p>3. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED,</pre> |

Modified OBOComponent 153

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17442, name=forelimb digit
5 epithelium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17442, name=forelimb digit
5 epithelium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17442 has name [epithelium] | | |

Modified OBOComponent 154

| | | | |
|------|-------------|------|-----------------|
| ID | EMAPA:17445 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |

| | |
|--|---|
| Modified OBOComponent 154 | |
| TH:00142[forelimb interdigital region] EMAPA:17428[handplate] | Group Parents |
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00142, name=forelimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17445, name=interdigital region between forelimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17445, name=interdigital region between forelimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]</p> <p>3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> |

| Modified OBOComponent 154 | | | |
|---------------------------|---|---|---------|
| | | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00142, name=forelimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17445, name=interdigital region between forelimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17445, name=interdigital region between forelimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17445 has name [interdigital region between digits 1 and 2] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17445 has parents [TH:00142, EMAPA:17428] | | |

| Modified OBOComponent 155 | | | |
|-----------------------------------|---|------|-----------------|
| ID | EMAPA:16397 | Name | Starts At |
| TS14 | Ends At | TS19 | Primary Parents |
| EMAPA:16396[2nd branchial groove] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 155 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16117, name=branchial arch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16272, name=2nd branchial arch, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS19, present=0], OBOComponent [id=EMAPA:16396, name=2nd branchial groove, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16397, name=2nd branchial groove ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16397 has synonyms [epithelium] | | |

| Modified OBOComponent 156 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:17444 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| TH:00127[handplate epithelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00127, name=handplate epithelium, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0], OBOComponent [id=EMAPA:17444, name=handplate rest of epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

| Modified OBOComponent 156 | | | |
|---------------------------|--|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00127, name=handplate epithelium, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0], OBOComponent [id=EMAPA:17444, name=handplate rest of epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17444 has name [rest of epithelium] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17444 has parents [EMAPA:17428] | | |
| | 3. Different Parents - Referenced OBOComponent EMAPA:17444 has parents [TH:00127] | | |

| Modified OBOComponent 157 | | | |
|-------------------------------------|---|------|-----------------|
| ID | EMAPA:16398 | Name | Starts At |
| TS14 | Ends At | TS19 | Primary Parents |
| EMAPA:16273[2nd branchial membrane] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16117, name=branchial arch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16272, name=2nd branchial arch, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS19, present=0], OBOComponent [id=EMAPA:16273, name=2nd branchial membrane, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS19, present=0], OBOComponent [id=EMAPA:16398, name=2nd branchial | | |

| Modified OBOComponent 157 | | | |
|---------------------------|--|-------------|---------|
| | membrane ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16398 has synonyms [epithelium] | | |

| Modified OBOComponent 158 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:16395 | Name | Starts At |
| TS14 | Ends At | TS18 | Primary Parents |
| EMAPA:16394[maxillary-mandibular groove] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16117, name=branchial arch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16118, name=1st branchial arch, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16394, name=maxillary-mandibular groove, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0], OBOComponent [id=EMAPA:16395, name=maxillary-mandibular groove ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16395 has synonyms [epithelium] | | |

| Modified OBOComponent 159 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17441 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17428[handplate] TH:00133[forelimb digit] | | | Group Parents |
| | | | Synonyms |
| [digiti minimi, fifth finger] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

Modified OBOComponent 159

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
```


| Modified OBOComponent 159 | | | |
|---------------------------|--|---|---------|
| | | 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17441 has name [digit 5] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17441 has parents [EMAPA:17428, TH:00133] | | |

| Modified OBOComponent 160 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:17440 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17438[forelimb digit 4] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

Modified OBOComponent 160

```
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17440, name=forelimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17440, name=forelimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17440, name=forelimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
```

| Modified OBOComponent 160 | | | |
|---------------------------|---|--|---------|
| | | start=TS20, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17440, name=forelimb digit 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17440 has name [mesenchyme] | | |

| Modified OBOComponent 161 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:17439 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17438[forelimb digit 4] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

Modified OBOComponent 161

```
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17439, name=forelimb digit
4 epithelium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17439, name=forelimb digit
4 epithelium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17439, name=forelimb digit
4 epithelium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
```

| Modified OBOComponent 161 | | | |
|---------------------------|---|--|---------|
| | | start=TS20, end=TS21, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17439, name=forelimb digit 4 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17439 has name [epithelium] | | |

| Modified OBOComponent 162 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17435 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| TH:00133[forelimb digit] EMAPA:17428[handplate] | | | Group Parents |
| | | | Synonyms |
| [long finger, middle finger, third finger] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

Modified OBOComponent 162

```
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
```


| Modified OBOComponent 162 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17435 has name [digit 3] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17435 has parents [TH:00133, EMAPA:17428] | | |

| Modified OBOComponent 163 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:17436 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17435[forelimb digit 3] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17436, name=forelimb digit 3 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

Modified OBOComponent 163

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17436, name=forelimb digit
3 epithelium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17436, name=forelimb digit
3 epithelium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
```

| Modified OBOComponent 163 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17436, name=forelimb digit 3 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17436 has name [epithelium] | | |

| Modified OBOComponent 164 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:17437 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17435[forelimb digit 3] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17437, name=forelimb digit 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

Modified OBOComponent 164

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17437, name=forelimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17437, name=forelimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
```

| Modified OBOComponent 164 | | | |
|--|---|-------------|---------|
| dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17437, name=forelimb digit 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17437 has name [mesenchyme] | | |

| Modified OBOComponent 165 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17438 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17428[handplate] TH:00133[forelimb digit] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

Modified OBOComponent 165

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ]]
```

| Modified OBOComponent 165 | | | |
|---------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17438 has name [digit 4] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17438 has parents [EMAPA:17428, TH:00133] | | |
| | 3. Different Synonyms - Referenced OBOComponent EMAPA:17438 has synonyms [fourth finger] | | |

| Modified OBOComponent 166 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17456 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17454[interdigital region between forelimb digits 4 and 5] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00142, name=forelimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17454, name=interdigital region between forelimb digits 4 and 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17456, name=interdigital region between forelimb digits 4 and 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED,</p> | | |

Modified OBOComponent 166

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17454, name=interdigital
region between forelimb digits 4 and 5,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17456, name=interdigital
region between forelimb digits 4 and 5 mesenchyme,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17454, name=interdigital
region between forelimb digits 4 and 5,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17456, name=interdigital
region between forelimb digits 4 and 5 mesenchyme,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
```


| Modified OBOComponent 166 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17454, name=interdigital region between forelimb digits 4 and 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17456, name=interdigital region between forelimb digits 4 and 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17456 has name [mesenchyme] | | |

| Modified OBOComponent 167 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17455 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17454[interdigital region between forelimb digits 4 and 5] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00142, name=forelimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17454, name=interdigital region between forelimb digits 4 and 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17455, name=interdigital region between forelimb digits 4 and 5 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 167

```
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17454, name=interdigital
region between forelimb digits 4 and 5,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17455, name=interdigital
region between forelimb digits 4 and 5 epithelium,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17454, name=interdigital
region between forelimb digits 4 and 5,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17455, name=interdigital
region between forelimb digits 4 and 5 epithelium,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
```

| Modified OBOComponent 167 | | | |
|---|---|-------------|---------|
| statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17454, name=interdigital region between forelimb digits 4 and 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17455, name=interdigital region between forelimb digits 4 and 5 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17455 has name [epithelium] | | |

| Modified OBOComponent 168 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17454 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| TH:00142[forelimb interdigital region] EMAPA:17428[handplate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00142, name=forelimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17454, name=interdigital region between forelimb digits 4 and 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

Modified OBOComponent 168

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17454, name=interdigital
region between forelimb digits 4 and 5,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17454, name=interdigital
region between forelimb digits 4 and 5,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
```

| Modified OBOComponent 168 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17454, name=interdigital region between forelimb digits 4 and 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17454 has name [interdigital region between digits 4 and 5] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17454 has parents [TH:00142, EMAPA:17428] | | |

| Modified OBOComponent 169 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17453 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17451[interdigital region between forelimb digits 3 and 4] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00142, name=forelimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17451, name=interdigital region between forelimb digits 3 and 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17453, name=interdigital region between forelimb digits 3 and 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo,</p> | | |

Modified OBOComponent 169

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17451, name=interdigital
region between forelimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17453, name=interdigital
region between forelimb digits 3 and 4 mesenchyme,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17451, name=interdigital
region between forelimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17453, name=interdigital
region between forelimb digits 3 and 4 mesenchyme,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```


| Modified OBOComponent 169 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17451, name=interdigital region between forelimb digits 3 and 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17453, name=interdigital region between forelimb digits 3 and 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17453 has name [mesenchyme] | | |

| Modified OBOComponent 170 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17452 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17451[interdigital region between forelimb digits 3 and 4] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00142, name=forelimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17451, name=interdigital region between forelimb digits 3 and 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17452, name=interdigital region between forelimb digits 3 and 4 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 170

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17451, name=interdigital
region between forelimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17452, name=interdigital
region between forelimb digits 3 and 4 epithelium,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17451, name=interdigital
region between forelimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17452, name=interdigital
region between forelimb digits 3 and 4 epithelium,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
```

| Modified OBOComponent 170 | | | |
|--|---|-------------|---------|
| OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17451, name=interdigital region between forelimb digits 3 and 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17452, name=interdigital region between forelimb digits 3 and 4 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17452 has name [epithelium] | | |

| Modified OBOComponent 171 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17451 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| TH:00142[forelimb interdigital region] EMAPA:17428[handplate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00142, name=forelimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17451, name=interdigital region between forelimb digits 3 and 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0] | | |
| | 2. [| | |

Modified OBOComponent 171

```
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17451, name=interdigital
region between forelimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17451, name=interdigital
region between forelimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
```

| Modified OBOComponent 171 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17451, name=interdigital region between forelimb digits 3 and 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17451 has name [interdigital region between digits 3 and 4] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17451 has parents [TH:00142, EMAPA:17428] | | |

| Modified OBOComponent 172 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17450 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17448[interdigital region between forelimb digits 2 and 3] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00142, name=forelimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17448, name=interdigital region between forelimb digits 2 and 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17450, name=interdigital region between forelimb digits 2 and 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

Modified OBOComponent 172

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17448, name=interdigital
region between forelimb digits 2 and 3,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17450, name=interdigital
region between forelimb digits 2 and 3 mesenchyme,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17448, name=interdigital
region between forelimb digits 2 and 3,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17450, name=interdigital
region between forelimb digits 2 and 3 mesenchyme,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
```

| Modified OBOComponent 172 | | | |
|---------------------------|---|--|---------|
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17448, name=interdigital region between forelimb digits 2 and 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17450, name=interdigital region between forelimb digits 2 and 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17450 has name [mesenchyme] | | |

| Modified OBOComponent 173 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17448 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17428[handplate] TH:00142[forelimb interdigital region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00142, name=forelimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17448, name=interdigital region between forelimb digits 2 and 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 173

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17448, name=interdigital
region between forelimb digits 2 and 3,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17448, name=interdigital
region between forelimb digits 2 and 3,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
```


| Modified OBOComponent 173 | | | |
|---------------------------|--|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17448, name=interdigital region between forelimb digits 2 and 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17448 has name [interdigital region between digits 2 and 3] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17448 has parents [EMAPA:17428, TH:00142] | | |

| Modified OBOComponent 174 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17449 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17448[interdigital region between forelimb digits 2 and 3] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00142, name=forelimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17448, name=interdigital region between forelimb digits 2 and 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17449, name=interdigital region between forelimb digits 2 and 3 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 174

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17448, name=interdigital
region between forelimb digits 2 and 3,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17449, name=interdigital
region between forelimb digits 2 and 3 epithelium,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17448, name=interdigital
region between forelimb digits 2 and 3,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17449, name=interdigital
region between forelimb digits 2 and 3 epithelium,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
```

| Modified OBOComponent 174 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17448, name=interdigital region between forelimb digits 2 and 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17449, name=interdigital region between forelimb digits 2 and 3 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17449 has name [epithelium] | | |

| Modified OBOComponent 175 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17446 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17445[interdigital region between forelimb digits 1 and 2] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00142, name=forelimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17445, name=interdigital region between forelimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17446, name=interdigital region between forelimb digits 1 and 2 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | |

Modified OBOComponent 175

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17445, name=interdigital
region between forelimb digits 1 and 2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17446, name=interdigital
region between forelimb digits 1 and 2 epithelium,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17445, name=interdigital
region between forelimb digits 1 and 2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17446, name=interdigital
region between forelimb digits 1 and 2 epithelium,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
```

| Modified OBOComponent 175 | | | |
|--|---|-------------|---------|
| statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17445, name=interdigital region between forelimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17446, name=interdigital region between forelimb digits 1 and 2 epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17446 has name [epithelium] | | |

| Modified OBOComponent 176 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17447 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17445[interdigital region between forelimb digits 1 and 2] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00142, name=forelimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17445, name=interdigital region between forelimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

Modified OBOComponent 176

```
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17447, name=interdigital
region between forelimb digits 1 and 2 mesenchyme,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17445, name=interdigital
region between forelimb digits 1 and 2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17447, name=interdigital
region between forelimb digits 1 and 2 mesenchyme,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17445, name=interdigital
region between forelimb digits 1 and 2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17447, name=interdigital
region between forelimb digits 1 and 2 mesenchyme,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```


Modified OBOComponent 176

| | | | |
|-------------|--|-------------|---------|
| | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17445, name=interdigital region between forelimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17447, name=interdigital region between forelimb digits 1 and 2 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17447 has name [mesenchyme] | | |

Modified OBOComponent 177

| | | | |
|--|--|------|-----------------|
| ID | EMAPA:18476 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17431[forelimb digit 1 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], | | |

Modified OBOComponent 177

```
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17431, name=forelimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18476, name=forelimb digit
1 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS23, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17431, name=forelimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18476, name=forelimb digit
1 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS23, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
```

| Modified OBOComponent 177 | | | |
|---------------------------|--|--|---------|
| | | 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17431, name=forelimb digit 1 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18476, name=forelimb digit 1 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17431, name=forelimb digit 1 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18476, name=forelimb digit 1 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18476 has name [phalanx] | | |

| Modified OBOComponent 178 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18477 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17434[forelimb digit 2 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

Modified OBOComponent 178

```
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17434, name=forelimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18477, name=forelimb digit
2 metacarpus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17434, name=forelimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18477, name=forelimb digit
2 metacarpus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 178

| | | | |
|--|---|-------------|---------|
| <p>group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17434, name=forelimb digit 2 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18477, name=forelimb digit 2 metacarpus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]]</p> | | | |
| <p>4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17434, name=forelimb digit 2 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18477, name=forelimb digit 2 metacarpus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]]</p> | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | <p>1. Different Name - Referenced OBOComponent EMAPA:18477 has name [metacarpus]</p> | | |

Modified OBOComponent 179

| | | | |
|----|-------------|------|-----------|
| ID | EMAPA:18478 | Name | Starts At |
| | | | |

| Modified OBOComponent 179 | | | |
|--|--|------|-----------------|
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17434[forelimb digit 2 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17434, name=forelimb digit 2 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18478, name=forelimb digit 2 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17434, name=forelimb digit 2 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD,</p> | | |

Modified OBOComponent 179

```
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18478, name=forelimb digit
2 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS23, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17434, name=forelimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18478, name=forelimb digit
2 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS23, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17434, name=forelimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
```


| Modified OBOComponent 179 | | | |
|---------------------------|---|-------------|---------|
| | start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18478, name=forelimb digit 2 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18478 has name [phalanx] | | |

| Modified OBOComponent 180 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18479 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17437[forelimb digit 3 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17437, name=forelimb digit 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18479, name=forelimb digit 3 metacarpus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED,</p> | | |

Modified OBOComponent 180

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17437, name=forelimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18479, name=forelimb digit
3 metacarpus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17437, name=forelimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18479, name=forelimb digit
3 metacarpus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
```

| Modified OBOComponent 180 | | | |
|---------------------------|---|---|---------|
| | | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17437, name=forelimb digit 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18479, name=forelimb digit 3 metacarpus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18479 has name [metacarpus] | | |

| Modified OBOComponent 181 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18475 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17431[forelimb digit 1 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17431, name=forelimb digit 1 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18475, name=forelimb digit | | |

Modified OBOComponent 181

```
1 metacarpus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17431, name=forelimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18475, name=forelimb digit
1 metacarpus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17431, name=forelimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
```

| Modified OBOComponent 181 | | | |
|---------------------------|---|--|---------|
| | | OBOComponent [id=EMAPA:18475, name=forelimb digit 1 metacarpus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17431, name=forelimb digit 1 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18475, name=forelimb digit 1 metacarpus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18475 has name [metacarpus] | | |

| Modified OBOComponent 182 | | | |
|-----------------------------|---|------|-----------------|
| ID | EMAPA:18489 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18486[handplate skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 182 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18486, name=handplate skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18489, name=palmar pads, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18486, name=handplate skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18489, name=palmar pads, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18489 has synonyms [digital pads] | | |

| Modified OBOComponent 183 | | | |
|-----------------------------|---|------|-----------------|
| ID | EMAPA:18487 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18486[handplate skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 183 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18486, name=handplate skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18487, name=handplate dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18486, name=handplate skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18487, name=handplate dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18487 has name [dermis] | | |
| | 2. Different Start Stage - Referenced OBOComponent EMAPA:18487 has Start Stage TS23 | | |

| Modified OBOComponent 184 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:18488 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18486[handplate skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

| Modified OBOComponent 184 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18486, name=handplate skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18488, name=handplate epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18486, name=handplate skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18488, name=handplate epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18488 has name [epidermis] | | |
| | 2. Different Start Stage - Referenced OBOComponent EMAPA:18488 has Start Stage TS23 | | |

| Modified OBOComponent 185 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:18486 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17428[handplate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

| Modified OBOComponent 185 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18486, name=handplate skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18486, name=handplate skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18486 has name [skin] 2. Different Start Stage - Referenced OBOComponent EMAPA:18486 has Start Stage TS23 | | |

| Modified OBOComponent 186 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18483 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17443[forelimb digit 5 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 186

```
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17443, name=forelimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18483, name=forelimb digit
5 metacarpus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17443, name=forelimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18483, name=forelimb digit
5 metacarpus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
```

Modified OBOComponent 186

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17443, name=forelimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18483, name=forelimb digit
5 metacarpus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17443, name=forelimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18483, name=forelimb digit
5 metacarpus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18483 has name [metacarpus] | | |

| Modified OBOComponent 187 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18484 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17443[forelimb digit 5 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17443, name=forelimb digit 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18484, name=forelimb digit 5 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17443, name=forelimb digit</p> | | |

Modified OBOComponent 187

```
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18484, name=forelimb digit
5 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS23, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17443, name=forelimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18484, name=forelimb digit
5 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS23, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17443, name=forelimb digit
5 mesenchyme, statusChange=CHANGED,
```

| Modified OBOComponent 187 | | | |
|---------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18484, name=forelimb digit 5 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18484 has name [phalanx] | | |

| Modified OBOComponent 188 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18481 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17440[forelimb digit 4 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17440, name=forelimb digit 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18481, name=forelimb digit 4 metacarpus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> | | |

Modified OBOComponent 188

```
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17440, name=forelimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18481, name=forelimb digit
4 metacarpus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17440, name=forelimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18481, name=forelimb digit
4 metacarpus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```


| Modified OBOComponent 188 | | | |
|---------------------------|---|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17440, name=forelimb digit 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18481, name=forelimb digit 4 metacarpus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18481 has name [metacarpus] | | |

| Modified OBOComponent 189 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18482 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17440[forelimb digit 4 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17440, name=forelimb digit 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

Modified OBOComponent 189

```
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18482, name=forelimb digit
4 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS23, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17440, name=forelimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18482, name=forelimb digit
4 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS23, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17440, name=forelimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
```

| Modified OBOComponent 189 | | | |
|---------------------------|--|--|---------|
| | | OBOComponent [id=EMAPA:18482, name=forelimb digit 4 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17440, name=forelimb digit 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18482, name=forelimb digit 4 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18482 has name [phalanx] | | |

| Modified OBOComponent 190 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18480 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17437[forelimb digit 3 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], | | |

Modified OBOComponent 190

```
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17437, name=forelimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18480, name=forelimb digit
3 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS23, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17437, name=forelimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18480, name=forelimb digit
3 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS23, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
```

| Modified OBOComponent 190 | | | |
|---------------------------|--|---|---------|
| | | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17437, name=forelimb digit 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18480, name=forelimb digit 3 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17437, name=forelimb digit 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18480, name=forelimb digit 3 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18480 has name [phalanx] | | |

| Modified OBOComponent 191 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18450 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18449[pericardial cavity mesothelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

| Modified OBOComponent 191 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:18447, name=pericardial component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18449, name=pericardial cavity mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18450, name=pericardial cavity parietal mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18450 has name [parietal] | | |

| Modified OBOComponent 192 | | | |
|---|---|------|-----------------|
| ID | EMAPA:18451 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18449[pericardial cavity mesothelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:18447, name=pericardial component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18449, name=pericardial cavity mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18451, name=pericardial cavity visceral mesothelium, statusChange=CHANGED, | | |

| Modified OBOComponent 192 | | | |
|---------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18451 has name [visceral] | | |

| Modified OBOComponent 193 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:18454 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18453[greater sac] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:18452, name=peritoneal cavity, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18453, name=greater sac, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18454, name=greater sac cavity, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18454 has name [cavity] | | |

| Modified OBOComponent 194 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:18455 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18453[greater sac] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

| Modified OBOComponent 194 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:18452, name=peritoneal cavity, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18453, name=greater sac, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18455, name=greater sac mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18455 has name [mesothelium] | | |

| Modified OBOComponent 195 | | | |
|--------------------------------------|--|------|-----------------|
| ID | EMAPA:18456 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18455[greater sac mesothelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:18452, name=peritoneal cavity, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18453, name=greater sac, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18455, name=greater sac mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18456, name=greater sac parietal mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 195 | | | |
|---------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18456 has name [parietal] | | |

| Modified OBOComponent 196 | | | |
|--------------------------------------|--|-------------|-----------------|
| ID | EMAPA:18457 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18455[greater sac mesothelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:18452, name=peritoneal cavity, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18453, name=greater sac, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18455, name=greater sac mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18457, name=greater sac visceral mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18457 has name [visceral] | | |

| Modified OBOComponent 197 | | | |
|------------------------------------|---|------|-----------------|
| ID | EMAPA:18448 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18447[pericardial component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 197 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:18447, name=pericardial component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18448, name=pericardial cavity, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18448 has name [cavity] | | |

| Modified OBOComponent 198 | | | |
|------------------------------------|---|-------------|-----------------|
| ID | EMAPA:18447 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:16088[intraembryonic coelom] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:18447, name=pericardial component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18447 has name [pericardial cavity] | | |

| Modified OBOComponent 199 | | | |
|---------------------------|-------------|------|-----------------|
| ID | EMAPA:18449 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |

| Modified OBOComponent 199 | | | |
|------------------------------------|---|---------------|---------|
| EMAPA:18447[pericardial component] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:18447, name=pericardial component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18449, name=pericardial cavity mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18449 has name [mesothelium] | | |

| Modified OBOComponent 200 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:18463 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18462[pleural component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:18462, name=pleural component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18463, name=pleural cavity mesothelium, statusChange=CHANGED, | | |

| Modified OBOComponent 200 | | | |
|---------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18463 has name [mesothelium] | | |

| Modified OBOComponent 201 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:18464 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18463[pleural cavity mesothelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:18462, name=pleural component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18463, name=pleural cavity mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18464, name=pleural cavity parietal mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18464 has name [parietal] | | |

| Modified OBOComponent 202 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18461 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18458[omental bursa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 202 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:18452, name=peritoneal cavity, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18458, name=omental bursa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18461, name=omental bursa cavity, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18461 has name [cavity] | | |

| Modified OBOComponent 203 | | | |
|------------------------------------|--|-------------|-----------------|
| ID | EMAPA:18462 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:16088[intraembryonic coelom] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:18462, name=pleural component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18462 has name [pleural cavity] | | |

| Modified OBOComponent 204 | | | |
|---------------------------|-------------|------|-----------|
| ID | EMAPA:18465 | Name | Starts At |
| | | | |

| Modified OBOComponent 204 | | | |
|---|---|-------------|-----------------|
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18463[pleural cavity mesothelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:18462, name=pleural component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18463, name=pleural cavity mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18465, name=pleural cavity visceral mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18465 has name [visceral] | | |

| Modified OBOComponent 205 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18460 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18459[omental bursa mesothelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 205 | | | |
|---------------------------|--|-------------|---------|
| | group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:18452, name=peritoneal cavity, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18458, name=omental bursa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18459, name=omental bursa mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18460, name=omental bursa parietal mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18460 has name [parietal] | | |

| Modified OBOComponent 206 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:18459 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18458[omental bursa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:18452, name=peritoneal cavity, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18458, name=omental bursa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18459, name=omental bursa mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18459 has name [mesothelium] | | |

| Modified OBOComponent 207 | | | |
|---------------------------|--|--|--|
| | | | |

| Modified OBOComponent 207 | | | |
|--------------------------------|---|-------------|-----------------|
| ID | EMAPA:18458 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18452[peritoneal cavity] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:18452, name=peritoneal cavity, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18458, name=omental bursa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18458 has synonyms [lesser sac] | | |

| Modified OBOComponent 208 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:26535 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:19432[C2] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], | | |

Modified OBOComponent 208

```
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00028, name=vertebra,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17674, name=cervical
vertebra, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19432, name=C2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:26535, name=odontoid
process, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS26, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17215, name=axial skeleton
cervical region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17674, name=cervical
vertebra, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19432, name=C2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:26535, name=odontoid
process, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS26, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
```

Modified OBOComponent 208

| | | | |
|--|--|-------------|---------|
| <pre> newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00028, name=vertebra, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:17674, name=cervical vertebra, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:19432, name=C2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:26535, name=odontoid process, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] </pre> | | | |
| <pre> 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17215, name=axial skeleton cervical region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17674, name=cervical vertebra, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:19432, name=C2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:26535, name=odontoid process, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] </pre> | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:26535 has synonyms [dens] | | |

Modified OBOComponent 209

| | | | |
|--|--|------|-----------------|
| ID | EMAPA:18491 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17462[hindlimb digit 1 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 209

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17462, name=hindlimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18491, name=hindlimb digit
1 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS23, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17462, name=hindlimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18491, name=hindlimb digit
1 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS23, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 209

```
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17462, name=hindlimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18491, name=hindlimb digit
1 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS23, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17462, name=hindlimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18491, name=hindlimb digit
1 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS23, present=0 ]]
```

| | | | |
|-------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18491 has name [phalanx] | | |

| Modified OBOComponent 210 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18490 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17462[hindlimb digit 1 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17462, name=hindlimb digit 1 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18490, name=hindlimb digit 1 metatarsus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> | | |

Modified OBOComponent 210

```
OBOComponent [ id=EMAPA:17462, name=hindlimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18490, name=hindlimb digit
1 metatarsus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17462, name=hindlimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18490, name=hindlimb digit
1 metatarsus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 210 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17462, name=hindlimb digit 1 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18490, name=hindlimb digit 1 metatarsus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18490 has name [metatarsus] | | |

| Modified OBOComponent 211 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18493 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17465[hindlimb digit 2 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17465, name=hindlimb digit 2 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18493, name=hindlimb digit 2 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

Modified OBOComponent 211

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17465, name=hindlimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18493, name=hindlimb digit
2 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS23, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17465, name=hindlimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18493, name=hindlimb digit
2 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS23, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
```

| Modified OBOComponent 211 | | | |
|---|--|-------------|---------|
| dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17465, name=hindlimb digit 2 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18493, name=hindlimb digit 2 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18493 has name [phalanx] | | |

| Modified OBOComponent 212 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18492 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17465[hindlimb digit 2 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17465, name=hindlimb digit 2 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

Modified OBOComponent 212

```
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18492, name=hindlimb digit
2 metatarsus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17465, name=hindlimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18492, name=hindlimb digit
2 metatarsus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17465, name=hindlimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
```

| Modified OBOComponent 212 | | | |
|---------------------------|--|---|---------|
| | | namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18492, name=hindlimb digit 2 metatarsus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17465, name=hindlimb digit 2 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18492, name=hindlimb digit 2 metatarsus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18492 has name [metatarsus] | | |

| Modified OBOComponent 213 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18495 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17468[hindlimb digit 3 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], | | |

Modified OBOComponent 213

```
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17468, name=hindlimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18495, name=hindlimb digit
3 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS23, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17468, name=hindlimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18495, name=hindlimb digit
3 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS23, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
```


Modified OBOComponent 213

| | | | |
|---|--|--------------------|---------|
| <pre>statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17468, name=hindlimb digit 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18495, name=hindlimb digit 3 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]]</pre> | | | |
| <pre>4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17468, name=hindlimb digit 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18495, name=hindlimb digit 3 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]]</pre> | | | |
| <i>Rule Status</i> | PASSED | <i>Edit Status</i> | CHANGED |
| <i>Comments</i> | 1. Different Name - Referenced OBOComponent EMAPA:18495 has name [phalanx] | | |

Modified OBOComponent 214

| | | | |
|--|----------------|-------------|------------------------|
| <i>ID</i> | EMAPA:18494 | <i>Name</i> | <i>Starts At</i> |
| TS23 | <i>Ends At</i> | TS23 | <i>Primary Parents</i> |
| EMAPA:17468[hindlimb digit 3 mesenchyme] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Primary Path</i> |
| <i>Alternate Paths</i> | 1. [| | |

Modified OBOComponent 214

```
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17468, name=hindlimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18494, name=hindlimb digit
3 metatarsus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17468, name=hindlimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18494, name=hindlimb digit
3 metatarsus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

Modified OBOComponent 214

```

3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17468, name=hindlimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18494, name=hindlimb digit
3 metatarsus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]

```

```

4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17468, name=hindlimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18494, name=hindlimb digit
3 metatarsus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,

```

| Modified OBOComponent 214 | | | |
|---------------------------|---|-------------|---------|
| | start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18494 has name [metatarsus] | | |

| Modified OBOComponent 215 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18497 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17471[hindlimb digit 4 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17471, name=hindlimb digit 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18497, name=hindlimb digit 4 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> | | |

Modified OBOComponent 215

```
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17471, name=hindlimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18497, name=hindlimb digit
4 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS23, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17471, name=hindlimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18497, name=hindlimb digit
4 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS23, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
```

| Modified OBOComponent 215 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17471, name=hindlimb digit 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18497, name=hindlimb digit 4 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18497 has name [phalanx] | | |

| Modified OBOComponent 216 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18496 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17471[hindlimb digit 4 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17471, name=hindlimb digit 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18496, name=hindlimb digit 4 metatarsus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 216

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17471, name=hindlimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18496, name=hindlimb digit
4 metatarsus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17471, name=hindlimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18496, name=hindlimb digit
4 metatarsus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
```


| Modified OBOComponent 216 | | | |
|---|---|-------------|---------|
| <pre> statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17471, name=hindlimb digit 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18496, name=hindlimb digit 4 metatarsus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] </pre> | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18496 has name [metatarsus] | | |

| Modified OBOComponent 217 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18499 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17474[hindlimb digit 5 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, | | |

Modified OBOComponent 217

```
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17474, name=hindlimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18499, name=hindlimb digit
5 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS23, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17474, name=hindlimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18499, name=hindlimb digit
5 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS23, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

Modified OBOComponent 217

| | | | |
|---|--|-------------|---------|
| <pre>start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17474, name=hindlimb digit 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18499, name=hindlimb digit 5 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]]</pre> | | | |
| <pre>4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17474, name=hindlimb digit 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18499, name=hindlimb digit 5 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]]</pre> | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18499 has name [phalanx] | | |

Modified OBOComponent 218

| | | | |
|--|---|------|-----------------|
| ID | EMAPA:18498 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17474[hindlimb digit 5 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <pre>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED,</pre> | | |

Modified OBOComponent 218

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17474, name=hindlimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18498, name=hindlimb digit
5 metatarsus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17474, name=hindlimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18498, name=hindlimb digit
5 metatarsus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
```

Modified OBOComponent 218

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17474, name=hindlimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18498, name=hindlimb digit
5 metatarsus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17474, name=hindlimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18498, name=hindlimb digit
5 metatarsus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18498 has name [metatarsus] | | |

Modified OBOComponent 219

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

| Modified OBOComponent 219 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16301 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16148[future rhombencephalon] TH:00280[rhombomere] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16301, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] </pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=TH:00280, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16301, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, </pre> <p>]</p> | | |

| Modified OBOComponent 219 | | | |
|---------------------------|---|--|---------|
| | | newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16301 has parents [EMAPA:16148, TH:00280] | | |

| Modified OBOComponent 220 | | | |
|--|---|------|-----------------|
| ID | EMAPA:16300 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16299[rhombomere 03 neural fold] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0],</p> <p>OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0],</p> <p>OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0],</p> <p>OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0],</p> <p>OBOComponent [id=EMAPA:16297, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0],</p> <p>OBOComponent [id=EMAPA:16299, name=rhombomere 03 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0],</p> <p>OBOComponent [id=EMAPA:16300, name=rhombomere 03 neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD,</p> | | |

| Modified OBOComponent 220 | | | |
|---------------------------|--|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=TH:00280, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16297, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16299, name=rhombomere 03 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16300, name=rhombomere 03 neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16300 has name [neural crest] | | |

| Modified OBOComponent 221 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:27625 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:17376[ureteric bud] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17376, name=ureteric bud, | | |

| Modified OBOComponent 221 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:27625, name=ureteric tip, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27625 has synonyms [ureteric ampulla] | | |

| Modified OBOComponent 222 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:27627 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:17376[ureteric bud] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17376, name=ureteric bud, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:27627, name=ureteric stalk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27627 has synonyms [ureteric trunk] | | |

| Modified OBOComponent 223 | | | |
|-------------------------------------|-------------|------|-----------------|
| ID | EMAPA:27621 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:17375[metanephric mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| | | | |

| Modified OBOComponent 223 | | | |
|---------------------------|---|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17375, name=metanephric mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:27621, name=cap mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27621 has synonyms [condensed mesenchyme] | | |

| Modified OBOComponent 224 | | | |
|-------------------------------------|--|------|-----------------|
| ID | EMAPA:31367 | Name | Starts At |
| TS24 | Ends At | TS28 | Primary Parents |
| EMAPA:28083[perihilar interstitium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], | | |

Modified OBOComponent 224

```
OBOComponent [ id=EMAPA:28518, name=renal
interstitium group, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28083, name=perihilar
interstitium, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31367, name=resident
macrophage of the perihilar interstitium,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS24, end=TS28, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28518, name=renal
interstitium group, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28083, name=perihilar
interstitium, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31367, name=resident
macrophage of the perihilar interstitium,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS24, end=TS28, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
```

| Modified OBOComponent 224 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17948, name=pelvis, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS28, present=0], OBOComponent [id=EMAPA:28083, name=perihilar interstitium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:31367, name=resident macrophage of the perihilar interstitium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:31367 has synonyms [renal monocytes of the perihilar interstitium] | | |

| Modified OBOComponent 225 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:27617 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:27615[parametanephric mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:27615, name=parametanephric mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:27617, name=rostral parametanephric mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27617 has name [rostral] | | |

| Modified OBOComponent 226 | | | |
|------------------------------|---|-------------|-----------------|
| ID | EMAPA:18400 | Name | Starts At |
| TS14 | Ends At | TS17 | Primary Parents |
| EMAPA:16553[rest of foregut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16553, name=rest of foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS17, present=0], OBOComponent [id=EMAPA:18400, name=rest of foregut lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18400 has name [lumen] | | |

| Modified OBOComponent 227 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:18401 | Name | Starts At |
| TS15 | Ends At | TS15 | Primary Parents |
| EMAPA:16700[oesophageal region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 227 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16700, name=oesophageal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS15, present=0], OBOComponent [id=EMAPA:18401, name=oesophageal region lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS15, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18401 has name [lumen] | | |

| Modified OBOComponent 228 | | | |
|-----------------------------|---|-------------|-----------------|
| ID | EMAPA:27615 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:17366[urinary system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:27615, name=parametanephric mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27615 has synonyms [associated mesenchyme] | | |

| Modified OBOComponent 229 | | | |
|--------------------------------|---|-------------|-----------------|
| ID | EMAPA:18402 | Name | Starts At |
| TS14 | Ends At | TS14 | Primary Parents |
| EMAPA:16549[pharyngeal region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16549, name=pharyngeal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0], OBOComponent [id=EMAPA:18402, name=pharyngeal region lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18402 has name [lumen] | | |

| Modified OBOComponent 230 | | | |
|---|---|------|-----------------|
| ID | EMAPA:27619 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:27615[parametanephric mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 230 | | | |
|---------------------------|---|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:27615, name=parametanephric mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:27619, name=caudal paramesonephric mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27619 has name [caudal] | | |

| Modified OBOComponent 231 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:27605 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17209[ureteric bud] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16367, name=genitourinary system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:17207, name=metanephros, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17209, name=ureteric bud, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:27605, name=ureteric tip, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27605 has synonyms [ureteric | | |

| | |
|----------------------------------|----------|
| Modified OBOComponent 231 | |
| | ampulla] |

| | | | |
|----------------------------------|---|-------------|-----------------|
| Modified OBOComponent 232 | | | |
| ID | EMAPA:27608 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17209[ureteric bud] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16367, name=genitourinary system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:17207, name=metanephros, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17209, name=ureteric bud, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:27608, name=ureteric trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27608 has synonyms [ureteric stalk] | | |

| | | | |
|----------------------------------|--|------|-----------------|
| Modified OBOComponent 233 | | | |
| ID | EMAPA:29067 | Name | Starts At |
| TS28 | Ends At | TS28 | Primary Parents |
| EMAPA:19284[primary follicle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 233 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:17962, name=ovary, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:19284, name=primary follicle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0], OBOComponent [id=EMAPA:29067, name=follicle cell of primary follicle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:29067 has synonyms [granulosa cell of primary follicle] | | |

| Modified OBOComponent 234 | | | |
|---|---|------|-----------------|
| ID | EMAPA:31333 | Name | Starts At |
| TS22 | Ends At | TS24 | Primary Parents |
| EMAPA:18326[renal medullary interstitium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28518, name=renal interstitium group, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS21, end=TS28, present=0], | | |

Modified OBOComponent 234

```
OBOComponent [ id=EMAPA:18326, name=renal medullary
interstitium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31333, name=resident
macrophages of the medulla, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28518, name=renal
interstitium group, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18326, name=renal medullary
interstitium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31333, name=resident
macrophages of the medulla, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
```

| Modified OBOComponent 234 | | | |
|---------------------------|---|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:19279, name=renal medulla, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:18326, name=renal medullary interstitium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS24, present=0], OBOComponent [id=EMAPA:31333, name=resident macrophages of the medulla, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS24, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:31333 has synonyms [renal monocytes of the medulla] | | |

| Modified OBOComponent 235 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:18429 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17701[diaphragm] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17701, name=diaphragm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18429, name=diaphragm mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18429 has name [mesothelium] | | |

| Modified OBOComponent 236 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:18427 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18426[adrenal gland] | | | Group Parents |
| | | | Synonyms |
| | | | |

| Modified OBOComponent 236 | | | |
|---------------------------|--|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:18425, name=gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS26, present=0], OBOComponent [id=EMAPA:18426, name=adrenal gland, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18427, name=adrenal cortex, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18427 has name [cortex] | | |

| Modified OBOComponent 237 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:18428 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18426[adrenal gland] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:18425, name=gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS26, present=0], OBOComponent [id=EMAPA:18426, name=adrenal gland, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18428, name=adrenal medulla, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18428 has name [medulla] | | |

| Modified OBOComponent 238 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:18425 | Name | Starts At |
| TS13 | Ends At | TS26 | Primary Parents |
| EMAPA:16103[organ system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:18425, name=gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Start Stage - Referenced OBOComponent EMAPA:18425 has Start Stage TS22 | | |

| Modified OBOComponent 239 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:27671 | Name | Starts At |
| TS20 | Ends At | TS20 | Primary Parents |
| EMAPA:17373[metanephros] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:27671, name=nephrogenic interstitium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 239 | | | |
|---------------------------|--|-------------|---------|
| | start=TS20, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27671 has synonyms [peripheral blastema] | | |

| Modified OBOComponent 240 | | | |
|------------------------------|---|-------------|-----------------|
| ID | EMAPA:18435 | Name | Starts At |
| TS21 | Ends At | TS22 | Primary Parents |
| EMAPA:17495[knee mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17493, name=knee, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17495, name=knee mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18435, name=knee rest of mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18435 has name [rest of mesenchyme] | | |

| Modified OBOComponent 241 | | | |
|-----------------------------|---|------|-----------------|
| ID | EMAPA:18434 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17492[hip mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

| Modified OBOComponent 241 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17490, name=hip, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17492, name=hip mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18434, name=hip rest of mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18434 has name [rest of mesenchyme] | | |

| Modified OBOComponent 242 | | | |
|-----------------------------------|--|------|-----------------|
| ID | EMAPA:18433 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17426[upper arm mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17424, name=upper arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17426, name=upper arm mesenchyme, statusChange=CHANGED, | | |

| Modified OBOComponent 242 | | | |
|---------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18433, name=upper arm rest of mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18433 has name [rest of mesenchyme] | | |

| Modified OBOComponent 243 | | | |
|----------------------------------|---|-------------|-----------------|
| ID | EMAPA:18432 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17423[shoulder mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17421, name=shoulder, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17423, name=shoulder mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18432, name=shoulder rest of mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18432 has name [rest of mesenchyme] | | |

| Modified OBOComponent 244 | | | |
|---------------------------------|-------------|------|-----------------|
| ID | EMAPA:18431 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17419[forearm mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

| Modified OBOComponent 244 | | | |
|---------------------------|--|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17417, name=forearm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17419, name=forearm mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18431, name=forearm rest of mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18431 has name [rest of mesenchyme] | | |

| Modified OBOComponent 245 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:27665 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:27644[mesonephros] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], | | |

| Modified OBOComponent 245 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:27644, name=mesonephros, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:27665, name=paramesonephric duct, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27665 has synonyms [Mullerian duct] | | |

| Modified OBOComponent 246 | | | |
|-------------------------------|---|-------------|-----------------|
| ID | EMAPA:18430 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17416[elbow mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17414, name=elbow, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17416, name=elbow mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18430, name=elbow rest of mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18430 has name [rest of mesenchyme] | | |

| Modified OBOComponent 247 | | | |
|-----------------------------------|-------------|------|-----------------|
| ID | EMAPA:18436 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17498[lower leg mesenchyme] | | | Group Parents |
| | | | Synonyms |
| | | | |

| Modified OBOComponent 247 | | | |
|---------------------------|--|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17496, name=lower leg, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17498, name=lower leg mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18436, name=lower leg rest of mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18436 has name [rest of mesenchyme] | | |

| Modified OBOComponent 248 | | | |
|-----------------------------------|--|------|-----------------|
| ID | EMAPA:18437 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17501[upper leg mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 248 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17499, name=upper leg, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17501, name=upper leg mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18437, name=upper leg rest of mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18437 has name [rest of mesenchyme] | | |

| Modified OBOComponent 249 | | | |
|-----------------------------------|--|------|-----------------|
| ID | EMAPA:18438 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17157[sympathetic ganglion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16984, name=autonomic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16985, name=sympathetic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17157, name=sympathetic ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:18438, name=cervical ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 249

| | | | |
|--------------------|--|--------------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16984, name=autonomic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18221, name=autonomic ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17157, name=sympathetic ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:18438, name=cervical ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| <i>Rule Status</i> | PASSED | <i>Edit Status</i> | CHANGED |
| <i>Comments</i> | 1. Different Name - Referenced OBOComponent EMAPA:18438 has name [cervical] | | |

Modified OBOComponent 250

| | | | |
|---------------------------------------|--|-------------|------------------------|
| <i>ID</i> | EMAPA:18439 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:18438[cervical ganglion] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [cervico-thoracic, stellate ganglion] | | | <i>Primary Path</i> |
| <i>Alternate Paths</i> | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

Modified OBOComponent 250

| | |
|-------------|---|
| | <pre> namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16984, name=autonomic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16985, name=sympathetic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17157, name=sympathetic ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:18438, name=cervical ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18439, name=inferior cervical ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] </pre> |
| | <pre> 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16984, name=autonomic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18221, name=autonomic ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17157, name=sympathetic ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:18438, name=cervical ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18439, name=inferior cervical ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] </pre> |
| Rule Status | <div>PASSED</div> <div>Edit Status</div> <div>CHANGED</div> |
| Comments | <p>1. Different Name - Referenced OBOComponent EMAPA:18439 has name [inferior]</p> |

Modified OBOComponent 251

| Modified OBOComponent 251 | | | |
|--------------------------------|---|-------------|-----------------|
| ID | EMAPA:18444 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17612[vomeronasal organ] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17612, name=vomeronasal organ, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18444, name=vomeronasal organ epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18444 has name [epithelium] | | |

| Modified OBOComponent 252 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:18443 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17608[nasal septum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],] | | |

| Modified OBOComponent 252 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17608, name=nasal septum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18443, name=nasal septum mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18443 has name [mesenchyme] | | |

| Modified OBOComponent 253 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:18446 | Name | Starts At |
| TS14 | Ends At | TS15 | Primary Parents |
| EMAPA:16536[otic pit] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16536, name=otic pit, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS15, present=0], OBOComponent [id=EMAPA:18446, name=otic pit lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS15, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18446 has name [lumen] | | |

| Modified OBOComponent 254 | | | |
|--------------------------------|-------------|------|-----------------|
| ID | EMAPA:18445 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17612[vomeronasal organ] | | | Group Parents |

| Modified OBOComponent 254 | | | |
|---------------------------|--|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17612, name=vomeronasal organ, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18445, name=vomeronasal organ mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18445 has name [mesenchyme] | | |

| Modified OBOComponent 255 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:27657 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:17385[gonadal mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17383, name=gonad, | | |

| Modified OBOComponent 255 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:17385, name=gonadal mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:27657, name=posterior gonadal mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27657 has synonyms [caudal gonadal mesenchyme] | | |

| Modified OBOComponent 256 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:18440 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:18438[cervical ganglion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16984, name=autonomic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16985, name=sympathetic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17157, name=sympathetic ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:18438, name=cervical ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18440, name=middle cervical ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| | 2. [| | |

Modified OBOComponent 256

| | | | |
|--|---|-------------|---------|
| OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16984, name=autonomic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18221, name=autonomic ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17157, name=sympathetic ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:18438, name=cervical ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18440, name=middle cervical ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18440 has name [middle] | | |

Modified OBOComponent 257

| | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:18442 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17608[nasal septum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, | | |

| Modified OBOComponent 257 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17608, name=nasal septum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18442, name=nasal septum epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18442 has name [epithelium] | | |

| Modified OBOComponent 258 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:18441 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:18438[cervical ganglion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16984, name=autonomic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16985, name=sympathetic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17157, name=sympathetic ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:18438, name=cervical ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18441, name=superior cervical ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 258 | | | |
|---------------------------|--|-------------|---------|
| | start=TS21, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16984, name=autonomic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18221, name=autonomic ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17157, name=sympathetic ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:18438, name=cervical ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18441, name=superior cervical ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18441 has name [superior] | | |

| Modified OBOComponent 259 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18405 | Name | Starts At |
| TS20 | Ends At | TS24 | Primary Parents |
| EMAPA:18404[physiological umbilical hernia] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, | | |

| Modified OBOComponent 259 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18404, name=physiological umbilical hernia, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS24, present=0], OBOComponent [id=EMAPA:18405, name=physiological umbilical hernia dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS24, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18405 has name [dermis] | | |

| Modified OBOComponent 260 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:18406 | Name | Starts At |
| TS20 | Ends At | TS24 | Primary Parents |
| EMAPA:18404[physiological umbilical hernia] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18404, name=physiological umbilical hernia, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS24, present=0], OBOComponent [id=EMAPA:18406, name=physiological umbilical hernia epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS24, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18406 has name [epidermis] | | |

| Modified OBOComponent 261 | | | |
|--------------------------------------|-------------|------|-----------------|
| ID | EMAPA:18403 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16363[foregut-midgut junction] | | | Group Parents |
| | | | Synonyms |
| | | | |

| Modified OBOComponent 261 | | | |
|---------------------------|---|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:18403, name=foregut-midgut junction endoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18403 has name [endoderm] | | |

| Modified OBOComponent 262 | | | |
|------------------------------|---|------|-----------------|
| ID | EMAPA:18409 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:18407[carina tracheae] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 262 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16737, name=respiratory tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16738, name=lower respiratory tract, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16853, name=trachea, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18407, name=carina tracheae, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18409, name=carina trachea epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18409 has name [epithelium] | | |

| Modified OBOComponent 263 | | | |
|---------------------------------|---|------|-----------------|
| ID | EMAPA:27653 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:17385[gonadal mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17383, name=gonad, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:17385, name=gonadal mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:27653, name=anterior gonadal mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |

| Modified OBOComponent 263 | | | |
|---------------------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27653 has synonyms [rostral gonadal mesenchyme] | | |

| Modified OBOComponent 264 | | | |
|------------------------------|---|-------------|-----------------|
| ID | EMAPA:18408 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:18407[carina tracheae] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16737, name=respiratory tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16738, name=lower respiratory tract, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16853, name=trachea, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18407, name=carina tracheae, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18408, name=carina trachea associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18408 has name [associated mesenchyme] | | |

| Modified OBOComponent 265 | | | |
|---|-------------|------|-----------------|
| ID | EMAPA:18413 | Name | Starts At |
| TS17 | Ends At | TS19 | Primary Parents |
| EMAPA:18411[physiological umbilical hernia] | | | Group Parents |
| | | | Synonyms |

| Modified OBOComponent 265 | | | |
|---------------------------|--|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:18411, name=physiological umbilical hernia, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS19, present=0], OBOComponent [id=EMAPA:18413, name=physiological umbilical hernia epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18413 has name [epidermis] | | |

| Modified OBOComponent 266 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:18412 | Name | Starts At |
| TS17 | Ends At | TS19 | Primary Parents |
| EMAPA:18411[physiological umbilical hernia] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:18411, name=physiological umbilical hernia, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS19, present=0], OBOComponent [id=EMAPA:18412, name=physiological umbilical hernia dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18412 has name [dermis] | | |

| Modified OBOComponent 267 | | | |
|------------------------------|-------------|------|-----------------|
| ID | EMAPA:18410 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:18407[carina tracheae] | | | Group Parents |
| | | | Synonyms |
| | | | |

| Modified OBOComponent 267 | | | |
|---------------------------|---|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16737, name=respiratory tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16738, name=lower respiratory tract, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16853, name=trachea, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18407, name=carina tracheae, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18410, name=carina tracheae vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18410 has name [vascular element] | | |

| Modified OBOComponent 268 | | | |
|--------------------------------------|---|------|-----------------|
| ID | EMAPA:18414 | Name | Starts At |
| TS17 | Ends At | TS22 | Primary Parents |
| EMAPA:16887[greater sac mesothelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and | | |

| Modified OBOComponent 268 | | | |
|---------------------------|--|-------------|---------|
| | their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16137, name=peritoneal component, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16885, name=greater sac, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0], OBOComponent [id=EMAPA:16887, name=greater sac mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0], OBOComponent [id=EMAPA:18414, name=greater sac visceral mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18414 has name [visceral] | | |

| Modified OBOComponent 269 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:18416 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:18415[vena cava] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18415, name=vena cava, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:18416, name=inferior vena cava, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18416 has name [inferior] | | |

| Modified OBOComponent 270 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:18417 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:18415[vena cava] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18415, name=vena cava, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:18417, name=superior vena cava, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18417 has name [superior] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18417 has synonyms [cranial vena cava] | | |

| Modified OBOComponent 271 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:18418 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:18417[superior vena cava] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], | | |

| Modified OBOComponent 271 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18415, name=vena cava, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:18417, name=superior vena cava, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18418, name=left superior vena cava, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18418 has name [left] | | |

| Modified OBOComponent 272 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:27642 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:27638[cloaca] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:27638, name=cloaca, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS22, present=0], OBOComponent [id=EMAPA:27642, name=cloaca associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27642 has name [associated mesenchyme] | | |

| Modified OBOComponent 273 | | | |
|---------------------------|--|--|--|
| | | | |

| Modified OBOComponent 273 | | | |
|---------------------------------|---|-------------|-----------------|
| ID | EMAPA:18419 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:18417[superior vena cava] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18415, name=vena cava, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:18417, name=superior vena cava, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18419, name=right superior vena cava, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18419 has name [right] | | |

| Modified OBOComponent 274 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:27640 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:27638[cloaca] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, | | |

| Modified OBOComponent 274 | | | |
|---------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:27638, name=cloaca, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS22, present=0], OBOComponent [id=EMAPA:27640, name=cloacal epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27640 has synonyms [distal urethral mesenchyme] | | |

| Modified OBOComponent 275 | | | |
|---------------------------------|---|-------------|-----------------|
| ID | EMAPA:18420 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:18416[inferior vena cava] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18415, name=vena cava, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:18416, name=inferior vena cava, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:18420, name=inferior vena cava post-hepatic part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18420 has name [post-hepatic part] | | |

| Modified OBOComponent 276 | | | |
|---------------------------|--|--|--|
| | | | |

| Modified OBOComponent 276 | | | |
|---------------------------------|---|-------------|-----------------|
| ID | EMAPA:18422 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:18416[inferior vena cava] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18415, name=vena cava, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:18416, name=inferior vena cava, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:18422, name=inferior vena cava pre-hepatic part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18422 has name [pre-hepatic part] | | |

| Modified OBOComponent 277 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:27638 | Name | Starts At |
| TS19 | Ends At | TS22 | Primary Parents |
| EMAPA:17366[urinary system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], | | |

| Modified OBOComponent 277 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:27638, name=cloaca, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS22, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:27638 has End Stage TS19 | | |

| Modified OBOComponent 278 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:18424 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:18420[inferior vena cava post-hepatic part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18415, name=vena cava, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:18416, name=inferior vena cava, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:18420, name=inferior vena cava post-hepatic part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:18424, name=inferior vena cava right post-hepatic part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18424 has name [right] | | |

| Modified OBOComponent 279 | | | |
|---------------------------|--|--|--|
| | | | |

| Modified OBOComponent 279 | | | |
|---|--|-------------|-----------------|
| ID | EMAPA:18423 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:18420[inferior vena cava post-hepatic part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18415, name=vena cava, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:18416, name=inferior vena cava, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:18420, name=inferior vena cava post-hepatic part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:18423, name=inferior vena cava left post-hepatic part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18423 has name [left] | | |

| Modified OBOComponent 280 | | | |
|------------------------------|---|------|-----------------|
| ID | EMAPA:16474 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16472[future midbrain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 280 | | | |
|---------------------------|--|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16472, name=future midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16474, name=future midbrain lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16474 has name [lateral wall] | | |

| Modified OBOComponent 281 | | | |
|------------------------------|---|------|-----------------|
| ID | EMAPA:16477 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16472[future midbrain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16472, name=future midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16477, name=future midbrain roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |

| Modified OBOComponent 281 | | | |
|---------------------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16477 has name [roof plate] | | |

| Modified OBOComponent 282 | | | |
|------------------------------|--|-------------|-----------------|
| ID | EMAPA:16476 | Name | Starts At |
| TS14 | Ends At | TS14 | Primary Parents |
| EMAPA:16472[future midbrain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16472, name=future midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16476, name=future midbrain neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16476 has name [neural crest] | | |

| Modified OBOComponent 283 | | | |
|-----------------------------|---|------|-----------------|
| ID | EMAPA:16470 | Name | Starts At |
| TS14 | Ends At | TS26 | Primary Parents |
| EMAPA:16469[nervous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 283 | | | |
|---------------------------|--|-------------|---------|
| | group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16470 has synonyms [CNS] | | |

| Modified OBOComponent 284 | | | |
|------------------------------|--|-------------|-----------------|
| ID | EMAPA:16473 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16472[future midbrain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16472, name=future midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16473, name=future midbrain floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16473 has name [floor plate] | | |

| Modified OBOComponent 285 | | | |
|---------------------------|--|--|--|
| | | | |

| Modified OBOComponent 285 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:16472 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16471[future brain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16472, name=future midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16472 has synonyms [future mesencephalon] | | |

| Modified OBOComponent 286 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:16478 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16471[future brain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], | | |

| Modified OBOComponent 286 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16478 has synonyms [future hindbrain] | | |

| Modified OBOComponent 287 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16479 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16478[future rhombencephalon] TH:00035[brain ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00035, name=brain ventricle, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16479, name=4th ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 287 | | | |
|--|---|-------------|---------|
| dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16479, name=4th ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16479 has parents [EMAPA:16478, TH:00035] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16479 has synonyms [rhombencephalic vesicle] | | |

| Modified OBOComponent 288 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16480 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16478[future rhombencephalon] TH:00183[rhombomere] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, | | |

| Modified OBOComponent 288 | | | |
|---------------------------|--|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16480, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16480, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16480 has parents [EMAPA:16478, TH:00183] | | |

| Modified OBOComponent 289 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16488 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16478[future rhombencephalon] TH:00183[rhombomere] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 289

| | | | |
|-------------|---|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16488, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16488, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16488 has parents [EMAPA:16478, TH:00183] | | |

Modified OBOComponent 290

| | | | |
|------|-------------|------|-----------------|
| ID | EMAPA:16487 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |

| Modified OBOComponent 290 | | |
|----------------------------|---|---------------|
| EMAPA:16484[rhombomere 02] | | Group Parents |
| | | Synonyms |
| [] | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16484, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16487, name=rhombomere 02 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false,</p> | |

| Modified OBOComponent 290 | | | |
|---------------------------|---|-------------|---------|
| | start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16484, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16487, name=rhombomere 02 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16487 has name [roof plate] | | |

| Modified OBOComponent 291 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16486 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16484[rhombomere 02] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16484, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16486, name=rhombomere 02 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

| Modified OBOComponent 291 | | | |
|---|---|-------------|---------|
| statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=central nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future rhombencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16484, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16486, name=rhombomere 02 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16486 has name [lateral wall] | | |

| Modified OBOComponent 292 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16485 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16484[rhombomere 02] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, | | |

Modified OBOComponent 292

| | |
|-------------|---|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16484, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16485, name=rhombomere 02 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16484, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16485, name=rhombomere 02 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] |
| Rule Status | PASSED Edit Status CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16485 has name [floor plate] |

Modified OBOComponent 293

| | | | |
|---|-------------|------|-----------------|
| ID | EMAPA:16484 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16478[future rhombencephalon] TH:00183[rhombomere] | | | Group Parents |

Modified OBOComponent 293

| | | |
|-----------------|--|--------------|
| | | Synonyms |
| [] | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16484, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16484, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD,</p> | |

| Modified OBOComponent 293 | | | |
|---------------------------|---|--|---------|
| | | newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16484 has parents [EMAPA:16478, TH:00183] | | |

| Modified OBOComponent 294 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16483 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16480[rhombomere 01] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16480, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16483, name=rhombomere 01 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> | | |

| Modified OBOComponent 294 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16480, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16483, name=rhombomere 01 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16483 has name [roof plate] | | |

| Modified OBOComponent 295 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16482 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16480[rhombomere 01] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], | | |

| Modified OBOComponent 295 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16480, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16482, name=rhombomere 01 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16480, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16482, name=rhombomere 01 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16482 has name [lateral wall] | | |

| Modified OBOComponent 296 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16481 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16480[rhombomere 01] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 296

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16471, name=future brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16478, name=future
rhombencephalon, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16480, name=rhombomere 01,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16481, name=rhombomere 01
floor plate, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16471, name=future brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16478, name=future
rhombencephalon, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=TH:00183, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16480, name=rhombomere 01,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16481, name=rhombomere 01
floor plate, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
```


| Modified OBOComponent 296 | | | |
|------------------------------------|--|-------------|---------|
| start=TS14, end=TS16, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16481 has name [floor plate] | | |

| Modified OBOComponent 297 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16489 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16488[rhombomere 03] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16488, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16489, name=rhombomere 03 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED,</p> | | |

| Modified OBOComponent 297 | | | |
|---------------------------|--|---|---------|
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16488, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16489, name=rhombomere 03 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16489 has name [floor plate] | | |

| Modified OBOComponent 298 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16491 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16488[rhombomere 03] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16488, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, | | |

| Modified OBOComponent 298 | | | |
|---------------------------|---|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16491, name=rhombomere 03 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16488, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16491, name=rhombomere 03 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16491 has name [roof plate] | | |

| Modified OBOComponent 299 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16490 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16488[rhombomere 03] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

Modified OBOComponent 299

```
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16471, name=future brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16478, name=future
rhombencephalon, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16488, name=rhombomere 03,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16490, name=rhombomere 03
lateral wall, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16471, name=future brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16478, name=future
rhombencephalon, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=TH:00183, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16488, name=rhombomere 03,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16490, name=rhombomere 03
lateral wall, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ]]
```

| Modified OBOComponent 299 | | | |
|---------------------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16490 has name [lateral wall] | | |

| Modified OBOComponent 300 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16493 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16492[rhombomere 04] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16492, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16493, name=rhombomere 04 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> | | |

| Modified OBOComponent 300 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16492, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16493, name=rhombomere 04 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16493 has name [floor plate] | | |

| Modified OBOComponent 301 | | | |
|--|--|------|-----------------|
| ID | EMAPA:16492 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| TH:00183[rhombomere] EMAPA:16478[future rhombencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16492, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 301 | | | |
|---------------------------|--|-------------|---------|
| | start=TS14, end=TS16, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16492, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16492 has parents [TH:00183, EMAPA:16478] | | |

| Modified OBOComponent 302 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16495 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16492[rhombomere 04] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, | | |

Modified OBOComponent 302

| | |
|-------------|--|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16492, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16495, name=rhombomere 04 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16492, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16495, name=rhombomere 04 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] |
| Rule Status | PASSED Edit Status CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16495 has name [roof plate] |

Modified OBOComponent 303

| | | | |
|----|-------------|------|-----------|
| ID | EMAPA:16494 | Name | Starts At |
|----|-------------|------|-----------|

| Modified OBOComponent 303 | | | |
|----------------------------|--|------|-----------------|
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16492[rhombomere 04] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <pre> 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16492, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16494, name=rhombomere 04 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, </pre> | | |

| Modified OBOComponent 303 | | | |
|---------------------------|--|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16492, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16494, name=rhombomere 04 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16494 has name [lateral wall] | | |

| Modified OBOComponent 304 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16497 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16496[rhombomere 05] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16496, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16497, name=rhombomere 05 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 304

| | | | |
|--|--|-------------|---------|
| <pre>group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16496, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16497, name=rhombomere 05 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]]</pre> | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16497 has name [floor plate] | | |

Modified OBOComponent 305

| | | | |
|--|---|------|-----------------|
| ID | EMAPA:16496 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| TH:00183[rhombomere] EMAPA:16478[future rhombencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <pre>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</pre> | | |

| Modified OBOComponent 305 | | | |
|---------------------------|--|-------------|---------|
| | group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16496, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16496, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16496 has parents [TH:00183, EMAPA:16478] | | |

| Modified OBOComponent 306 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16499 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16496[rhombomere 05] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

Modified OBOComponent 306

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16471, name=future brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16478, name=future
rhombencephalon, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16496, name=rhombomere 05,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16499, name=rhombomere 05
roof plate, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16471, name=future brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16478, name=future
rhombencephalon, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=TH:00183, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16496, name=rhombomere 05,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

| Modified OBOComponent 306 | | | |
|---------------------------|---|-------------|---------|
| | start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16499, name=rhombomere 05 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16499 has name [roof plate] | | |

| Modified OBOComponent 307 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16498 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16496[rhombomere 05] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16496, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16498, name=rhombomere 05 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system,</p> | | |

| Modified OBOComponent 307 | | | |
|--|---|-------------|---------|
| statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=central nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16496, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16498, name=rhombomere 05 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16498 has name [lateral wall] | | |

| Modified OBOComponent 308 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:30767 | Name | Starts At |
| TS28 | Ends At | TS28 | Primary Parents |
| EMAPA:30763[tertiary follicle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:17962, name=ovary, | | |

| Modified OBOComponent 308 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:30763, name=tertiary follicle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0], OBOComponent [id=EMAPA:30767, name=follicle cell of tertiary follicle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:30767 has synonyms [granulosa cell of tertiary follicle] | | |

| Modified OBOComponent 309 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:30763 | Name | Starts At |
| TS28 | Ends At | TS28 | Primary Parents |
| EMAPA:17962[ovary] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:17962, name=ovary, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:30763, name=tertiary follicle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:30763 has synonyms [antral follicle] | | |

| Modified OBOComponent 310 | | | |
|---------------------------|-------------|------|-----------------|
| ID | EMAPA:30777 | Name | Starts At |
| TS28 | Ends At | TS28 | Primary Parents |

| | | | |
|---------------------------|---|---------------|---------|
| Modified OBOComponent 310 | | | |
| EMAPA:17962[ovary] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:17962, name=ovary, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:30777, name=Graafian follicle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:30777 has synonyms [pre-ovulatory follicle] | | |

| Modified OBOComponent 311 | | | |
|---|---|------|-----------------|
| ID | EMAPA:31389 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:28337[outer medullary interstitium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 311

```
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28518, name=renal
interstitium group, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28337, name=outer medullary
interstitium, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31389, name=resident
macrophage of the outer medulla,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28518, name=renal
interstitium group, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28337, name=outer medullary
interstitium, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31389, name=resident
macrophage of the outer medulla,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
```

| Modified OBOComponent 311 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:19279, name=renal medulla, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28310, name=outer medulla, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28337, name=outer medullary interstitium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:31389, name=resident macrophage of the outer medulla, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:31389 has synonyms [renal monocytes of the outer medulla] | | |

| Modified OBOComponent 312 | | | |
|---------------------------------|---|------|-----------------|
| ID | EMAPA:16441 | Name | Starts At |
| TS14 | Ends At | TS18 | Primary Parents |
| EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16441, name=somite 14, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

Modified OBOComponent 312

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16441, name=somite 14,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16441, name=somite 14,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
```

Modified OBOComponent 312

```
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16441, name=somite 14,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16441, name=somite 14,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16441, name=somite 14,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
7. [
```


Modified OBOComponent 312

| | | | |
|---|---|-------------|---------|
| OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16441, name=somite 14, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0] | | | |
| 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16441, name=somite 14, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16441 has parents [EMAPA:16184, EMAPA:31169] | | |

Modified OBOComponent 313

| | | | |
|---------------------------|-------------|------|-----------------|
| ID | EMAPA:29034 | Name | Starts At |
| TS24 | Ends At | TS27 | Primary Parents |
| EMAPA:18985[uterine horn] | | | Group Parents |
| | | | Synonyms |

| Modified OBOComponent 313 | | | |
|---------------------------|--|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:18985, name=uterine horn, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS27, present=0], OBOComponent [id=EMAPA:29034, name=uterine horn muscular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS27, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:29034 has name [muscular layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:29034 has synonyms [myometrium] | | |

| Modified OBOComponent 314 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:29030 | Name | Starts At |
| TS24 | Ends At | TS27 | Primary Parents |
| EMAPA:18985[uterine horn] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 314 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:18985, name=uterine horn, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS27, present=0], OBOComponent [id=EMAPA:29030, name=uterine horn epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS27, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:29030 has name [epithelium] 2. Different Synonyms - Referenced OBOComponent EMAPA:29030 has synonyms [endometrium] | | |

| Modified OBOComponent 315 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:16445 | Name | Starts At |
| TS14 | Ends At | TS18 | Primary Parents |
| EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16445, name=somite 15, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 315

```
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16445, name=somite 15,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16445, name=somite 15,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16445, name=somite 15,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

Modified OBOComponent 315

```
start=TS14, end=TS18, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16445, name=somite 15,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16445, name=somite 15,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
```

| Modified OBOComponent 315 | | | |
|---------------------------|---|---|---------|
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16445, name=somite 15, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0]] | |
| | | 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16445, name=somite 15, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16445 has parents [EMAPA:16184, EMAPA:31169] | | |

| Modified OBOComponent 316 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:30781 | Name | Starts At |
| TS28 | Ends At | TS28 | Primary Parents |
| EMAPA:30777[Graafian follicle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 316 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:17962, name=ovary, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:30777, name=Graafian follicle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0], OBOComponent [id=EMAPA:30781, name=germinal cell of mature follicle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:30781 has synonyms [granulosa] | | |

| Modified OBOComponent 317 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:16449 | Name | Starts At |
| TS14 | Ends At | TS18 | Primary Parents |
| EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16449, name=somite 16, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, | | |

Modified OBOComponent 317

```
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16449, name=somite 16,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16449, name=somite 16,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
```


Modified OBOComponent 317

```
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16449, name=somite 16,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16449, name=somite 16,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16449, name=somite 16,
```

Modified OBOComponent 317

| | | | |
|--|---|-------------|---------|
| statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0]] | | | |
| 7. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16449, name=somite 16, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0]] | | | |
| 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16449, name=somite 16, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16449 has parents [EMAPA:16184, EMAPA:31169] | | |

Modified OBOComponent 318

| | | | |
|----|-------------|------|-----------|
| ID | EMAPA:16453 | Name | Starts At |
| | | | |

| Modified OBOComponent 318 | | | |
|---------------------------------|--|------|-----------------|
| TS14 | Ends At | TS18 | Primary Parents |
| EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16453, name=somite 17, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16453, name=somite 17, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0]]</p> <p>3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED,</p> | | |

Modified OBOComponent 318

```
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16453, name=somite 17,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16453, name=somite 17,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16453, name=somite 17,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
```

Modified OBOComponent 318

```
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16453, name=somite 17,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16453, name=somite 17,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 318 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16453, name=somite 17, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16453 has parents [EMAPA:16184, EMAPA:31169] | | |

| Modified OBOComponent 319 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:16457 | Name | Starts At |
| TS14 | Ends At | TS18 | Primary Parents |
| EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16457, name=somite 18, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

Modified OBOComponent 319

```
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16457, name=somite 18,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16457, name=somite 18,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
```


Modified OBOComponent 319

```
OBOComponent [ id=EMAPA:16457, name=somite 18,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16457, name=somite 18,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16457, name=somite 18,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 319 | | | |
|---------------------------|---|---|---------|
| | | group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16457, name=somite 18, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0]] | |
| | | 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16457, name=somite 18, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16457 has parents [EMAPA:16184, EMAPA:31169] | | |

| Modified OBOComponent 320 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:16461 | Name | Starts At |
| TS14 | Ends At | TS18 | Primary Parents |
| EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 320

```
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16461, name=somite 19,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16461, name=somite 19,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 320

```
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16461, name=somite 19,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16461, name=somite 19,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16461, name=somite 19,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 320

```
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16461, name=somite 19,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16461, name=somite 19,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
```

| Modified OBOComponent 320 | | | |
|---------------------------|---|-------------|---------|
| | mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16461, name=somite 19, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16461 has parents [EMAPA:16184, EMAPA:31169] | | |

| Modified OBOComponent 321 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:16465 | Name | Starts At |
| TS14 | Ends At | TS18 | Primary Parents |
| EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16465, name=somite 20, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, | | |

Modified OBOComponent 321

```
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16465, name=somite 20,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16465, name=somite 20,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16465, name=somite 20,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
```


Modified OBOComponent 321

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16465, name=somite 20,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16465, name=somite 20,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS18, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
```

| Modified OBOComponent 321 | | | |
|---------------------------|---|---|---------|
| | | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16465, name=somite 20, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0]] | |
| | | 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16465, name=somite 20, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16465 has parents [EMAPA:16184, EMAPA:31169] | | |

| Modified OBOComponent 322 | | | |
|------------------------------|---|------|-----------------|
| ID | EMAPA:17520 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17519[neurohypophysis] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 322 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16897, name=diencephalon gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16898, name=pituitary, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17519, name=neurohypophysis, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17520, name=neurohypophysis infundibulum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17520 has name [infundibulum] 2. Different Synonyms - Referenced OBOComponent EMAPA:17520 has synonyms [pituitary stalk] | | |

| Modified OBOComponent 323 | | | |
|------------------------------|---|------|-----------------|
| ID | EMAPA:17517 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17514[adenohypophysis] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 323 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16897, name=diencephalon gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16898, name=pituitary, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17514, name=adenohypophysis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17517, name=adenohypophysis pars tuberalis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17517 has name [pars tuberalis] | | |

| Modified OBOComponent 324 | | | |
|------------------------------|--|------|-----------------|
| ID | EMAPA:17516 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17514[adenohypophysis] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], | | |

| Modified OBOComponent 324 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16897, name=diencephalon gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16898, name=pituitary, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17514, name=adenohypophysis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17516, name=adenohypophysis pars intermedia, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17516 has name [pars intermedia] | | |

| Modified OBOComponent 325 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17513 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| TH:00171[pancreas parenchyma] EMAPA:17511[pancreas tail] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:17065, name=foregut-midgut junction gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

Modified OBOComponent 325

| | |
|-------------|--|
| | <pre> namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17503, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:17511, name=pancreas tail, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:17513, name=pancreas tail parenchyma, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:17065, name=foregut-midgut junction gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17503, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=TH:00171, name=pancreas parenchyma, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:17513, name=pancreas tail parenchyma, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] </pre> |
| Rule Status | <div>PASSED</div> <div>Edit Status</div> <div>CHANGED</div> |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17513 has name [parenchyma] |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17513 has parents [TH:00171, EMAPA:17511] |
| | 3. Different Synonyms - Referenced OBOComponent EMAPA:17513 has synonyms [associated mesenchyme] |

| Modified OBOComponent 326 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17512 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| TH:00167[dorsal pancreatic duct] EMAPA:17511[pancreas tail] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:17065, name=foregut-midgut junction gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:17503, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:17511, name=pancreas tail, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:17512, name=dorsal pancreatic duct of pancreas tail, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ,</p> | | |

Modified OBOComponent 326

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statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16363, name=foregut-midgut
junction, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS13, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17065, name=foregut-midgut
junction gland, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17503, name=pancreas,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS23, present=0 ],
OBOComponent [ id=TH:00169, name=pancreatic duct,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS23, present=0 ],
OBOComponent [ id=TH:00167, name=dorsal pancreatic
duct, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17512, name=dorsal
pancreatic duct of pancreas tail,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS23, present=0 ]]

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3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16363, name=foregut-midgut
junction, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS13, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17065, name=foregut-midgut
junction gland, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17503, name=pancreas,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS23, present=0 ],
OBOComponent [ id=TH:00167, name=dorsal pancreatic

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| Modified OBOComponent 326 | | | |
|---------------------------|--|-------------|---------|
| | duct, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:17512, name=dorsal pancreatic duct of pancreas tail, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17512 has name [dorsal pancreatic duct] 2. Different Parents - Referenced OBOComponent EMAPA:17512 has parents [TH:00167, EMAPA:17511] | | |

| Modified OBOComponent 327 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:17515 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17514[adenohypophysis] | | | Group Parents |
| | | | Synonyms |
| [anterior lobe, pars distalis] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16897, name=diencephalon gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16898, name=pituitary, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17514, name=adenohypophysis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17515, name=adenohypophysis pars anterior, statusChange=CHANGED, | | |

| Modified OBOComponent 327 | | | |
|---------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17515 has name [pars anterior] | | |

| Modified OBOComponent 328 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:17514 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:16898[pituitary] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16897, name=diencephalon gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16898, name=pituitary, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17514, name=adenohypophysis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17514 has synonyms [anterior pituitary] | | |

| Modified OBOComponent 329 | | | |
|---------------------------|--|--|--|
| | | | |

| Modified OBOComponent 329 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:17533 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17532[epithalamus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17532, name=epithalamus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17533, name=epithalamus mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17533 has name [mantle layer] | | |

| Modified OBOComponent 330 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:17530 | Name | Starts At |
| TS20 | Ends At | TS20 | Primary Parents |
| EMAPA:17529[vibrissa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

| Modified OBOComponent 330 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17525, name=skin, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17529, name=vibrissa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17530, name=vibrissa epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17530 has name [epithelium] | | |

| Modified OBOComponent 331 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:17531 | Name | Starts At |
| TS20 | Ends At | TS20 | Primary Parents |
| EMAPA:17529[vibrissa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17525, name=skin, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17529, name=vibrissa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17531, name=vibrissa mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17531 has name [mesenchyme] | | |

| Modified OBOComponent 332 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:18294 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17920[lower jaw incisor mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17906, name=lower jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17917, name=lower jaw tooth, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17918, name=lower jaw incisor, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17920, name=lower jaw incisor mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18294, name=lower jaw incisor dental papilla, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18294 has name [dental papilla] | | |

| Modified OBOComponent 333 | | | |
|---------------------------|-------------|------|-----------------|
| ID | EMAPA:17529 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17525[skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

| Modified OBOComponent 333 | | | |
|---------------------------|---|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17525, name=skin, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17529, name=vibrissa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17529 has synonyms [whisker] | | |

| Modified OBOComponent 334 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18295 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17922[lower jaw molar epithelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17906, name=lower jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, | | |

| Modified OBOComponent 334 | | | |
|---------------------------|---|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17917, name=lower jaw tooth, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17921, name=lower jaw molar, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17922, name=lower jaw molar epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18295, name=lower jaw molar dental lamina, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18295 has name [dental lamina] | | |

| Modified OBOComponent 335 | | | |
|---|---|------|-----------------|
| ID | EMAPA:18292 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17919[lower jaw incisor epithelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17906, name=lower jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17917, name=lower jaw tooth, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17918, name=lower jaw incisor, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 335 | | | |
|---------------------------|--|-------------|---------|
| | group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17919, name=lower jaw incisor epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18292, name=lower jaw incisor dental lamina, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18292 has name [dental lamina] | | |

| Modified OBOComponent 336 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18293 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17919[lower jaw incisor epithelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17906, name=lower jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17917, name=lower jaw tooth, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17918, name=lower jaw incisor, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17919, name=lower jaw incisor epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18293, name=lower jaw incisor enamel organ, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 336 | | | |
|---------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18293 has name [enamel organ] | | |

| Modified OBOComponent 337 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:17526 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17525[skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17525, name=skin, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17526, name=cervical sinus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17526 has synonyms [retro-hyoid depression] | | |

| Modified OBOComponent 338 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:18291 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17906[lower jaw] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, | | |

| Modified OBOComponent 338 | | | |
|---------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17906, name=lower jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18291, name=lower jaw alveolar sulcus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18291 has name [alveolar sulcus] | | |

| Modified OBOComponent 339 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18298 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17940[upper jaw incisor epithelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 339 | | | |
|---------------------------|---|-------------|---------|
| | start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17938, name=upper jaw tooth, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17939, name=upper jaw incisor, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17940, name=upper jaw incisor epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18298, name=upper jaw incisor dental lamina, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18298 has name [dental lamina] | | |

| Modified OBOComponent 340 | | | |
|---|---|------|-----------------|
| ID | EMAPA:18299 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17940[upper jaw incisor epithelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17938, name=upper jaw tooth, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17939, name=upper jaw incisor, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], | | |

| Modified OBOComponent 340 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:17940, name=upper jaw incisor epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18299, name=upper jaw incisor enamel organ, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18299 has name [enamel organ] | | |

| Modified OBOComponent 341 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18296 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17922[lower jaw molar epithelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17906, name=lower jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17917, name=lower jaw tooth, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17921, name=lower jaw molar, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17922, name=lower jaw molar epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18296, name=lower jaw molar enamel organ, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 341 | | | |
|---------------------------|---|-------------|---------|
| | start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18296 has name [enamel organ] | | |

| Modified OBOComponent 342 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:18297 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17923[lower jaw molar mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17906, name=lower jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17917, name=lower jaw tooth, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17921, name=lower jaw molar, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17923, name=lower jaw molar mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18297, name=lower jaw molar dental papilla, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18297 has name [dental papilla] | | |

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| Modified OBOComponent 343 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:17541 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17540[thalamus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17540, name=thalamus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17541, name=thalamus mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17541 has name [mantle layer] | | |

| Modified OBOComponent 344 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:17542 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17540[thalamus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

| Modified OBOComponent 344 | | | |
|---------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17540, name=thalamus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17542, name=thalamus marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17542 has name [marginal layer] | | |

| Modified OBOComponent 345 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:17543 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17540[thalamus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 345 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17540, name=thalamus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17543, name=thalamus ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17543 has name [ventricular layer] | | |

| Modified OBOComponent 346 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17544 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:16910[telencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17544, name=cerebral cortex, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17544 has synonyms [neopallium] | | |

| Modified OBOComponent 347 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:17535 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17532[epithalamus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17532, name=epithalamus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17535, name=epithalamus ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17535 has name [ventricular layer] | | |

| Modified OBOComponent 348 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:17534 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17532[epithalamus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 348 | | | |
|---------------------------|--|-------------|---------|
| | group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17532, name=epithalamus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17534, name=epithalamus marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17534 has name [marginal layer] | | |

| Modified OBOComponent 349 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:17537 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17536[hypothalamus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, | | |

| Modified OBOComponent 349 | | | |
|---------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17536, name=hypothalamus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17537, name=hypothalamus mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17537 has name [mantle layer] | | |

| Modified OBOComponent 350 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:17539 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17536[hypothalamus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17536, name=hypothalamus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17539, name=hypothalamus ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 350 | | | |
|---------------------------|--|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17539 has name [ventricular layer] | | |

| Modified OBOComponent 351 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:17538 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17536[hypothalamus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17536, name=hypothalamus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17538, name=hypothalamus marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17538 has name [marginal layer] | | |

| Modified OBOComponent 352 | | | |
|--------------------------------|-------------|------|-----------------|
| ID | EMAPA:17551 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17550[medulla oblongata] | | | Group Parents |
| | | | Synonyms |
| | | | |

| Modified OBOComponent 352 | | | |
|---------------------------|--|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17550, name=medulla oblongata, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17551, name=medulla oblongata floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17551 has name [floor plate] | | |

| Modified OBOComponent 353 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17554 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17553[medulla oblongata alar plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 353 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17550, name=medulla oblongata, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17552, name=medulla oblongata lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17553, name=medulla oblongata alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17554, name=medulla oblongata alar plate mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17554 has name [mantle layer] | | |

| Modified OBOComponent 354 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17555 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17553[medulla oblongata alar plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, | | |

| Modified OBOComponent 354 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17550, name=medulla oblongata, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17552, name=medulla oblongata lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17553, name=medulla oblongata alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17555, name=medulla oblongata alar plate marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17555 has name [marginal layer] | | |

| Modified OBOComponent 355 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:17552 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17550[medulla oblongata] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17550, name=medulla oblongata, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17552, name=medulla oblongata lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 355 | | | |
|---------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17552 has name [lateral wall] | | |

| Modified OBOComponent 356 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:17553 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17552[medulla oblongata lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17550, name=medulla oblongata, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17552, name=medulla oblongata lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17553, name=medulla oblongata alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17553 has name [alar plate] | | |

| Modified OBOComponent 357 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:17548 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:16910[telencephalon] | | | Group Parents |

| Modified OBOComponent 357 | | | |
|---------------------------|--|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17548, name=choroid invagination, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17548 has synonyms [tela choroidea] | | |

| Modified OBOComponent 358 | | | |
|------------------------------|--|------|-----------------|
| ID | EMAPA:17547 | Name | Starts At |
| TS20 | Ends At | TS24 | Primary Parents |
| EMAPA:17544[cerebral cortex] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], | | |

| Modified OBOComponent 358 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17544, name=cerebral cortex, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17547, name=cerebral cortex ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS24, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17547 has name [ventricular layer] | | |

| Modified OBOComponent 359 | | | |
|------------------------------|--|------|-----------------|
| ID | EMAPA:17546 | Name | Starts At |
| TS20 | Ends At | TS24 | Primary Parents |
| EMAPA:17544[cerebral cortex] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, | | |

| Modified OBOComponent 359 | | | |
|---------------------------|---|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17544, name=cerebral cortex, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17546, name=cerebral cortex marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS24, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17546 has name [marginal layer] | | |

| Modified OBOComponent 360 | | | |
|------------------------------|---|-------------|-----------------|
| ID | EMAPA:17545 | Name | Starts At |
| TS20 | Ends At | TS24 | Primary Parents |
| EMAPA:17544[cerebral cortex] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17544, name=cerebral cortex, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17545, name=cerebral cortex mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS24, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17545 has name [mantle layer] | | |

| Modified OBOComponent 361 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:17564 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17563[pons] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17078, name=metencephalon basal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17563, name=pons, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17564, name=pons mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17564 has name [mantle layer] | | |

| Modified OBOComponent 362 | | | |
|---------------------------|-------------|------|-----------------|
| ID | EMAPA:17566 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17563[pons] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

| Modified OBOComponent 362 | | | |
|---------------------------|--|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17078, name=metencephalon basal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17563, name=pons, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17566, name=pons ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17566 has name [ventricular layer] | | |

| Modified OBOComponent 363 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:17565 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17563[pons] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 363

| | | | |
|-------------|--|-------------|---------|
| | group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17078, name=metencephalon basal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17563, name=pons, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17565, name=pons marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17565 has name [marginal layer] | | |

Modified OBOComponent 364

| | | | |
|--|--|------|-----------------|
| ID | EMAPA:17560 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17557[medulla oblongata basal plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], | | |

| Modified OBOComponent 364 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17550, name=medulla oblongata, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17552, name=medulla oblongata lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17557, name=medulla oblongata basal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17560, name=medulla oblongata basal plate ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17560 has name [ventricular layer] | | |

| Modified OBOComponent 365 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:17562 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17550[medulla oblongata] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 365 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17550, name=medulla oblongata, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17562, name=medulla oblongata roof, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17562 has name [roof] 2. Different Synonyms - Referenced OBOComponent EMAPA:17562 has synonyms [roof plate] | | |

| Modified OBOComponent 366 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17561 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17552[medulla oblongata lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17550, name=medulla oblongata, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17552, name=medulla oblongata lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17561, name=medulla oblongata sulcus limitans, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 366 | | | |
|---------------------------|--|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17561 has name [sulcus limitans] | | |

| Modified OBOComponent 367 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:19101 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:16844[hepatic duct extrahepatic part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16843, name=hepatic duct, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16844, name=hepatic duct extrahepatic part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:19101, name=common hepatic duct, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19101 has name [common] | | |

| Modified OBOComponent 368 | | | |
|---|---|------|-----------------|
| ID | EMAPA:19100 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:16844[hepatic duct extrahepatic part] TH:00349[right hepatic duct] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 368

| | |
|-------------|--|
| | <pre> group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16843, name=hepatic duct, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16844, name=hepatic duct extrahepatic part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:19100, name=right hepatic duct extrahepatic part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] </pre> |
| | <pre> 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16843, name=hepatic duct, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=TH:00349, name=right hepatic duct, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:19100, name=right hepatic duct extrahepatic part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] </pre> |
| Rule Status | <div>PASSED</div> <div>Edit Status</div> <div>CHANGED</div> |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19100 has name [right] |
| | 2. Different Parents - Referenced |

| | |
|----------------------------------|--|
| Modified OBOComponent 368 | |
| | OBOComponent EMAPA:19100 has parents [EMAPA:16844, TH:00349] |

| | | | |
|---|---|-------------|-----------------|
| Modified OBOComponent 369 | | | |
| ID | EMAPA:17556 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17553[medulla oblongata alar plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17550, name=medulla oblongata, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17552, name=medulla oblongata lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17553, name=medulla oblongata alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17556, name=medulla oblongata alar plate ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17556 has name [ventricular layer] | | |

| | | | |
|----------------------------------|-------------|------|-----------------|
| Modified OBOComponent 370 | | | |
| ID | EMAPA:17557 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| | | | |

| | | | |
|---|---|---------------|---------|
| Modified OBOComponent 370 | | | |
| EMAPA:17552[medulla oblongata lateral wall] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17550, name=medulla oblongata, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17552, name=medulla oblongata lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17557, name=medulla oblongata basal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17557 has name [basal plate] | | |

| | | | |
|--|--|------|-----------------|
| Modified OBOComponent 371 | | | |
| ID | EMAPA:17558 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17557[medulla oblongata basal plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 371 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17550, name=medulla oblongata, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17552, name=medulla oblongata lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17557, name=medulla oblongata basal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17558, name=medulla oblongata basal plate mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17558 has name [mantle layer] | | |

| Modified OBOComponent 372 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17559 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17557[medulla oblongata basal plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous | | |

| Modified OBOComponent 372 | | | |
|---------------------------|---|-------------|---------|
| | system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17550, name=medulla oblongata, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17552, name=medulla oblongata lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17557, name=medulla oblongata basal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17559, name=medulla oblongata basal plate marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17559 has name [marginal layer] | | |

| Modified OBOComponent 373 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17576 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17264[cranial nerve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 373 | | | |
|---------------------------|--|-------------|---------|
| | start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17576, name=trigeminal V nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00270, name=nerve, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17576, name=trigeminal V nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17576 has name [trigeminal V] | | |

| Modified OBOComponent 374 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17575 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17264[cranial nerve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 374 | | | |
|---------------------------|--|-------------|---------|
| | group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17575, name=optic II nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00270, name=nerve, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17575, name=optic II nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17575 has name [optic II] | | |

| Modified OBOComponent 375 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17574 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17264[cranial nerve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 375

| | |
|-------------|--|
| | <p>dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17574, name=oculomotor III nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00270, name=nerve, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17574, name=oculomotor III nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]</p> |
| Rule Status | PASSED Edit Status CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17574 has name [oculomotor III] |

Modified OBOComponent 376

| | | | |
|------|-------------|------|-----------------|
| ID | EMAPA:17573 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |

| | | |
|--|--|---------------|
| Modified OBOComponent 376 | | |
| EMAPA:17571[vestibulocochlear VIII ganglion] | | Group Parents |
| | | Synonyms |
| [] | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17571, name=vestibulocochlear VIII ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17573, name=vestibulocochlear VIII ganglion vestibular component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] </pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00269, name=ganglion, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, </pre> | |

| Modified OBOComponent 376 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17571, name=vestibulocochlear VIII ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17573, name=vestibulocochlear VIII ganglion vestibular component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17573 has name [vestibular component] | | |

| Modified OBOComponent 377 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17572 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17571[vestibulocochlear VIII ganglion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17571, name=vestibulocochlear VIII ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17572, name=vestibulocochlear VIII ganglion cochlear component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 377 | | | |
|---------------------------|---|---|---------|
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00269, name=ganglion, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17571, name=vestibulocochlear VIII ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17572, name=vestibulocochlear VIII ganglion cochlear component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17572 has name [cochlear component] | | |

| Modified OBOComponent 378 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:17571 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:16659[cranial ganglion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, | | |

| Modified OBOComponent 378 | | | |
|---------------------------|--|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17571, name=vestibulocochlear VIII ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00269, name=ganglion, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17571, name=vestibulocochlear VIII ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17571 has name [vestibulocochlear VIII] | | |

| Modified OBOComponent 379 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:19107 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17424[upper arm] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 379 | | | |
|---------------------------|--|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17424, name=upper arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19107, name=upper arm skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19107 has name [skeletal muscle] | | |

| Modified OBOComponent 380 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:19115 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17432[forelimb digit 2] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit 2, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19115, name=forelimb digit 2 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 380

```
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19115, name=forelimb digit
2 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19115, name=forelimb digit
2 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
```


| Modified OBOComponent 380 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19115, name=forelimb digit 2 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19115 has name [phalanx] | | |

| Modified OBOComponent 381 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:19114 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17432[forelimb digit 2] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19114, name=forelimb digit 2 metacarpus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 381

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19114, name=forelimb digit
2 metacarpus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19114, name=forelimb digit
2 metacarpus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 381 | | | |
|---------------------------|--|-------------|---------|
| | group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19114, name=forelimb digit 2 metacarpus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19114 has name [metacarpus] | | |

| Modified OBOComponent 382 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:19117 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17435[forelimb digit 3] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19117, name=forelimb digit 3 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 382

```
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19117, name=forelimb digit
3 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19117, name=forelimb digit
3 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
```

| Modified OBOComponent 382 | | | |
|---------------------------|--|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19117, name=forelimb digit 3 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19117 has name [phalanx] | | |

| Modified OBOComponent 383 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:19116 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17435[forelimb digit 3] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit 3, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19116, name=forelimb digit 3 metacarpus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

Modified OBOComponent 383

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19116, name=forelimb digit
3 metacarpus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19116, name=forelimb digit
3 metacarpus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

| Modified OBOComponent 383 | | | |
|---------------------------|---|-------------|---------|
| | start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19116, name=forelimb digit 3 metacarpus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19116 has name [metacarpus] | | |

| Modified OBOComponent 384 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:19113 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17429[forelimb digit 1] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit 1, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19113, name=forelimb digit 1 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 384

```
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19113, name=forelimb digit
1 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19113, name=forelimb digit
1 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
```


| Modified OBOComponent 384 | | | |
|---------------------------|--|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19113, name=forelimb digit 1 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19113 has name [phalanx] | | |

| Modified OBOComponent 385 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:19112 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17429[forelimb digit 1] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:19112, name=forelimb digit 1 metacarpus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED,</p> | | |

Modified OBOComponent 385

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19112, name=forelimb digit
1 metacarpus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19112, name=forelimb digit
1 metacarpus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

| Modified OBOComponent 385 | | | |
|---------------------------|---|-------------|---------|
| | start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19112, name=forelimb digit 1 metacarpus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19112 has name [metacarpus] | | |

| Modified OBOComponent 386 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:17569 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:16659[cranial ganglion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17569, name=facial VII ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 386 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00269, name=ganglion, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17569, name=facial VII ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17569 has name [facial VII] | | |

| Modified OBOComponent 387 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17567 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17072[metencephalon lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 387 | | | |
|---------------------------|--|-------------|---------|
| | start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17567, name=metencephalon sulcus limitans, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17567 has name [sulcus limitans] | | |

| Modified OBOComponent 388 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17568 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17259[metencephalon roof] TH:00021[4th ventricle choroid plexus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00020, name=choroid plexus, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00021, name=4th ventricle choroid plexus, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17568, name=metencephalon 4th ventricle choroid plexus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> | | |

Modified OBOComponent 388

```
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00021, name=4th ventricle
choroid plexus, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17568, name=metencephalon
4th ventricle choroid plexus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17071, name=metencephalon,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17259, name=metencephalon
roof, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17568, name=metencephalon
4th ventricle choroid plexus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17568 has name [choroid plexus] | | |
| | | | |

| | |
|----------------------------------|---|
| Modified OBOComponent 388 | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17568 has parents [EMAPA:17259, TH:00021] |

| | | | |
|---------------------------------------|---|-------------|-----------------|
| Modified OBOComponent 389 | | | |
| ID | EMAPA:17584 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17579[spinal cord lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17577, name=spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17579, name=spinal cord lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17584, name=spinal cord sulcus limitans, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17584 has name [sulcus limitans] | | |

| | | | |
|---------------------------------------|---|------|-----------------|
| Modified OBOComponent 390 | | | |
| ID | EMAPA:17583 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17579[spinal cord lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 390 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17577, name=spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17579, name=spinal cord lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17583, name=spinal cord marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17583 has name [marginal layer] | | |

| Modified OBOComponent 391 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:17586 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17577[spinal cord] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17577, name=spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17586, name=spinal cord roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 391 | | | |
|---------------------------|---|-------------|---------|
| | start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17586 has name [roof plate] | | |

| Modified OBOComponent 392 | | | |
|---------------------------------------|--|-------------|-----------------|
| ID | EMAPA:17585 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17579[spinal cord lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17577, name=spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17579, name=spinal cord lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17585, name=spinal cord ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17585 has name [ventricular layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17585 has synonyms [ependymal] | | |

| Modified OBOComponent 393 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:19118 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17438[forelimb digit 4] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 393

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19118, name=forelimb digit
4 metacarpus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19118, name=forelimb digit
4 metacarpus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 393

| | | | |
|---|---|-------------|---------|
| <pre> group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19118, name=forelimb digit 4 metacarpus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] </pre> | | | |
| <pre> 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19118, name=forelimb digit 4 metacarpus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] </pre> | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19118 has name [metacarpus] | | |

Modified OBOComponent 394

| | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:19119 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17438[forelimb digit 4] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 394

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19119, name=forelimb digit
4 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19119, name=forelimb digit
4 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
```

Modified OBOComponent 394

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19119, name=forelimb digit
4 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19119, name=forelimb digit
4 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

| | | | |
|-------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19119 has name [phalanx] | | |

Modified OBOComponent 395

| | | | |
|---------------------------------------|--|------|-----------------|
| ID | EMAPA:17580 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17579[spinal cord lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 395 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17577, name=spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17579, name=spinal cord lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17580, name=spinal cord mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17580 has name [mantle layer] | | |

| Modified OBOComponent 396 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:19124 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17460[hindlimb digit 1] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 396

```
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19124, name=hindlimb digit
1 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19124, name=hindlimb digit
1 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19124, name=hindlimb digit
1 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
```

| Modified OBOComponent 396 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19124, name=hindlimb digit 1 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19124 has name [phalanx] | | |

| Modified OBOComponent 397 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:19123 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17460[hindlimb digit 1] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19123, name=hindlimb digit 1 metatarsus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

Modified OBOComponent 397

```
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19123, name=hindlimb digit
1 metatarsus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19123, name=hindlimb digit
1 metatarsus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
```

| Modified OBOComponent 397 | | | |
|---------------------------|---|---|---------|
| | | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19123, name=hindlimb digit 1 metatarsus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19123 has name [metatarsus] | | |

| Modified OBOComponent 398 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:19121 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17441[forelimb digit 5] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19121, name=forelimb digit 5 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 398

```
group=false, start=TS24, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19121, name=forelimb digit
5 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19121, name=forelimb digit
5 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
```

| Modified OBOComponent 398 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19121, name=forelimb digit 5 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19121 has name [phalanx] | | |

| Modified OBOComponent 399 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:19128 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17466[hindlimb digit 3] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19128, name=hindlimb digit 3 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

Modified OBOComponent 399

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19128, name=hindlimb digit
3 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19128, name=hindlimb digit
3 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
```


| Modified OBOComponent 399 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19128, name=hindlimb digit 3 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19128 has name [phalanx] | | |

| Modified OBOComponent 400 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:19127 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17466[hindlimb digit 3] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19127, name=hindlimb digit 3 metatarsus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

Modified OBOComponent 400

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19127, name=hindlimb digit
3 metatarsus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19127, name=hindlimb digit
3 metatarsus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
```

| Modified OBOComponent 400 | | | |
|---------------------------|--|--|---------|
| | | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19127, name=hindlimb digit 3 metatarsus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19127 has name [metatarsus] | | |

| Modified OBOComponent 401 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:19126 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17463[hindlimb digit 2] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19126, name=hindlimb digit 2 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

Modified OBOComponent 401

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19126, name=hindlimb digit
2 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19126, name=hindlimb digit
2 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
```

| Modified OBOComponent 401 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19126, name=hindlimb digit 2 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19126 has name [phalanx] | | |

| Modified OBOComponent 402 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:19125 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17463[hindlimb digit 2] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19125, name=hindlimb digit 2 metatarsus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

Modified OBOComponent 402

```
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19125, name=hindlimb digit
2 metatarsus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19125, name=hindlimb digit
2 metatarsus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
```


| Modified OBOComponent 402 | | | |
|---------------------------|--|-------------|---------|
| | statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19125, name=hindlimb digit 2 metatarsus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19125 has name [metatarsus] | | |

| Modified OBOComponent 403 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:17578 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17577[spinal cord] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17577, name=spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17578, name=spinal cord floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17578 has name [floor plate] | | |

| Modified OBOComponent 404 | | | |
|---------------------------|-------------|------|-----------------|
| ID | EMAPA:17579 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17577[spinal cord] | | | Group Parents |

| Modified OBOComponent 404 | | | |
|---------------------------|---|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17577, name=spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17579, name=spinal cord lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17579 has name [lateral wall] | | |

| Modified OBOComponent 405 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:19120 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17441[forelimb digit 5] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, | | |

Modified OBOComponent 405

```
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19120, name=forelimb digit
5 metacarpus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19120, name=forelimb digit
5 metacarpus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19120, name=forelimb digit
5 metacarpus, statusChange=CHANGED,
```

| Modified OBOComponent 405 | | | |
|---------------------------|---|--|---------|
| | | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19120, name=forelimb digit 5 metacarpus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19120 has name [metacarpus] | | |

| Modified OBOComponent 406 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:17595 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17593[endolymphatic sac] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, | | |

| Modified OBOComponent 406 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17593, name=endolymphatic sac, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17595, name=endolymphatic sac epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:17595 has End Stage TS22 | | |
| | 2. Different Name - Referenced OBOComponent EMAPA:17595 has name [epithelium] | | |

| Modified OBOComponent 407 | | | |
|--------------------------------|--|-------------|-----------------|
| ID | EMAPA:17594 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17593[endolymphatic sac] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17593, name=endolymphatic sac, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17594, name=endolymphatic sac associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:17594 has End Stage TS22 | | |
| | 2. Different Name - Referenced OBOComponent EMAPA:17594 has name [associated mesenchyme] | | |

| Modified OBOComponent 408 |
|---------------------------|
|---------------------------|

| Modified OBOComponent 408 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:17593 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:16194[inner ear] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17593, name=endolymphatic sac, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:17593 has End Stage TS22 | | |

| Modified OBOComponent 409 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:17592 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17589[pinna] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, | | |

| Modified OBOComponent 409 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16991, name=external ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17589, name=pinna, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17592, name=pinna surface epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17592 has name [surface epithelium] | | |

| Modified OBOComponent 410 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17599 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17598[cochlear duct] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17286, name=inner ear vestibular component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17290, name=sacculle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17597, name=cochlea, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17598, name=cochlear duct, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17599, name=cochlear duct associated mesenchyme, statusChange=CHANGED, | | |

| Modified OBOComponent 410 | | | |
|---------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17599 has name [associated mesenchyme] | | |

| Modified OBOComponent 411 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:17596 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:16194[inner ear] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17596, name=otic capsule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17596 has synonyms [pre-cartilage] | | |

| Modified OBOComponent 412 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:19129 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17469[hindlimb digit 4] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

Modified OBOComponent 412

```
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19129, name=hindlimb digit
4 metatarsus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19129, name=hindlimb digit
4 metatarsus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
```

| Modified OBOComponent 412 | | | |
|---------------------------|---|--|---------|
| | | statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19129, name=hindlimb digit 4 metatarsus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19129, name=hindlimb digit 4 metatarsus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19129 has name [metatarsus] | | |

| Modified OBOComponent 413 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:17591 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17589[pinna] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

| Modified OBOComponent 413 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16991, name=external ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17589, name=pinna, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17591, name=pinna mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17591 has name [mesenchyme] | | |

| Modified OBOComponent 414 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:19132 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17472[hindlimb digit 5] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19132, name=hindlimb digit 5 phalanx, statusChange=CHANGED, statusRule=PASSED, | | |

Modified OBOComponent 414

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19132, name=hindlimb digit
5 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19132, name=hindlimb digit
5 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 414 | | | |
|---------------------------|---|---|---------|
| | | group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19132, name=hindlimb digit 5 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19132 has name [phalanx] | | |

| Modified OBOComponent 415 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:19131 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17472[hindlimb digit 5] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19131, name=hindlimb digit 5 metatarsus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |

Modified OBOComponent 415

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19131, name=hindlimb digit
5 metatarsus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19131, name=hindlimb digit
5 metatarsus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
```


| Modified OBOComponent 415 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19131, name=hindlimb digit 5 metatarsus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19131 has name [metatarsus] | | |

| Modified OBOComponent 416 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:19130 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17469[hindlimb digit 4] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19130, name=hindlimb digit 4 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| | 2. [| | |

Modified OBOComponent 416

```
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19130, name=hindlimb digit
4 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19130, name=hindlimb digit
4 phalanx, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 416 | | | |
|---------------------------|---|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19130, name=hindlimb digit 4 phalanx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19130 has name [phalanx] | | |

| Modified OBOComponent 417 | | | |
|----------------------------------|--|-------------|-----------------|
| ID | EMAPA:19031 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:19030[serosal pericardium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17174, name=pericardium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:19030, name=serosal pericardium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19031, name=parietal serosal pericardium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19031 has name [parietal] | | |

| Modified OBOComponent 418 | | | |
|----------------------------------|--|-------------|-----------------|
| ID | EMAPA:19032 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:19030[serosal pericardium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17174, name=pericardium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:19030, name=serosal pericardium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19032, name=visceral serosal pericardium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19032 has name [visceral] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:19032 has synonyms [epicardium] | | |

| Modified OBOComponent 419 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:19035 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:19431[C1] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 419

```
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00028, name=vertebra,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17674, name=cervical
vertebra, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19431, name=C1,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19035, name=hypochordal
arch, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17215, name=axial skeleton
cervical region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17674, name=cervical
vertebra, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19431, name=C1,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19035, name=hypochordal
arch, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
```

Modified OBOComponent 419

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00028, name=vertebra,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17674, name=cervical
vertebra, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19431, name=C1,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19035, name=hypochordal
arch, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17215, name=axial skeleton
cervical region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17674, name=cervical
vertebra, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19431, name=C1,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19035, name=hypochordal
arch, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:19035 has synonyms [bow] | | |

Modified OBOComponent 420

| Modified OBOComponent 420 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:19036 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:18778[pineal gland] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17532, name=epithalamus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18778, name=pineal gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19036, name=pineal gland stalk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19036 has name [stalk] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:19036 has synonyms [peduncle] | | |

| Modified OBOComponent 421 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:18334 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18333[larynx] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 421 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18333, name=larynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18334, name=larynx mucous membrane, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18334 has name [mucous membranes] | | |

| Modified OBOComponent 422 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18336 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17676[axial skeleton sacral region] TH:00028[vertebra] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00028, name=vertebra, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0],] | | |

Modified OBOComponent 422

```
OBOComponent [ id=EMAPA:18336, name=sacral
vertebra, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17676, name=axial skeleton
sacral region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18336, name=sacral
vertebra, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00028, name=vertebra,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18336, name=sacral
vertebra, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
```

| Modified OBOComponent 422 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17676, name=axial skeleton sacral region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:18336, name=sacral vertebra, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18336 has name [vertebra] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:18336 has parents [EMAPA:17676, TH:00028] | | |

| Modified OBOComponent 423 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18326 | Name | Starts At |
| TS22 | Ends At | TS24 | Primary Parents |
| EMAPA:19279[renal medulla] EMAPA:28518[renal interstitium group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28518, name=renal interstitium group, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS21, end=TS28, present=0], OBOComponent [id=EMAPA:18326, name=renal medullary interstitium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS24, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 423

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28518, name=renal
interstitium group, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18326, name=renal medullary
interstitium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19279, name=renal medulla,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18326, name=renal medullary
interstitium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

| | | | |
|-------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18326 has synonyms [medullary stroma] | | |

| Modified OBOComponent 424 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18329 | Name | Starts At |
| TS24 | Ends At | TS27 | Primary Parents |
| EMAPA:30984[female external genitalia] EMAPA:17959[female reproductive system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:30984, name=female external genitalia, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS23, end=TS28, present=0], OBOComponent [id=EMAPA:18329, name=labial swelling, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS27, present=0]] </pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:18329, name=labial swelling, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS27, present=0]] </pre> <p>3. [</p> | | |

Modified OBOComponent 424

| | | | |
|--|---|-------------|---------|
| OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:30984, name=female external genitalia, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS23, end=TS28, present=0], OBOComponent [id=EMAPA:18329, name=labial swelling, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS27, present=0] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18329 has synonyms [labia] | | |

Modified OBOComponent 425

| | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:18341 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17681[chondrocranium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17680, name=cranium, | | |

| Modified OBOComponent 425 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17681, name=chondrocranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18341, name=supraoccipital cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17681, name=chondrocranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18341, name=supraoccipital cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18341 has synonyms [non-squamous part of supraoccipital bone] | | |

| Modified OBOComponent 426 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:19026 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18797[temporal lobe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 426 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18797, name=temporal lobe, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19026, name=temporal lobe mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19026 has name [mantle layer] | | |

| Modified OBOComponent 427 | | | |
|---|--|------|-----------------|
| ID | EMAPA:19053 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17764[diencephalon meninges] TH:00048[brain subarachnoid space] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00040, name=meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00044, name=brain meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00048, name=brain subarachnoid space, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], | | |

Modified OBOComponent 427

```
OBOComponent [ id=EMAPA:19053, name=diencephalon
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17764, name=diencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19053, name=diencephalon
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00048, name=brain subarachnoid
```

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```
space, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19053, name=diencephalon
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17764, name=diencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19053, name=diencephalon
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16895, name=forebrain,
statusChange=UNCHANGED, statusRule=PASSED,
```

| Modified OBOComponent 427 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17764, name=diencephalon meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19053, name=diencephalon subarachnoid space, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19053 has name [subarachnoid space] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:19053 has parents [EMAPA:17764, TH:00048] | | |

| Modified OBOComponent 428 | | | |
|---|--|------|-----------------|
| ID | EMAPA:19054 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00048[brain subarachnoid space] EMAPA:17774[telencephalon meninges] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00040, name=meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00044, name=brain meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00048, name=brain subarachnoid space, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19054, name=telencephalon subarachnoid space, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

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```

statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17774, name=telencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19054, name=telencephalon
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]

```

```

3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00048, name=brain subarachnoid
space, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19054, name=telencephalon
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]

```

Modified OBOComponent 428

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4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17774, name=telencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19054, name=telencephalon
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]

```

```

5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16895, name=forebrain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16910, name=telencephalon,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17774, name=telencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,

```

| | | | |
|----------------------------------|--|-------------|---------|
| Modified OBOComponent 428 | | | |
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19054, name=telencephalon subarachnoid space, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19054 has name [subarachnoid space] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:19054 has parents [TH:00048, EMAPA:17774] | | |

| | | | |
|----------------------------------|---|-------------|-----------------|
| Modified OBOComponent 429 | | | |
| ID | EMAPA:19051 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:16981[midbrain roof plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16974, name=midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16981, name=midbrain roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:19051, name=tectum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Start Stage - Referenced OBOComponent EMAPA:19051 has Start Stage TS25 | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:19051 has synonyms [rostral part of midbrain roof] | | |

| |
|----------------------------------|
| Modified OBOComponent 430 |
|----------------------------------|

| Modified OBOComponent 430 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:18350 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:18350, name=somite 56, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]]</pre> <p>2. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:18350, name=somite 56, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]]</pre> <p>3. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED,</pre> | | |

Modified OBOComponent 430

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18350, name=somite 56,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18350, name=somite 56,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18350, name=somite 56,
```

Modified OBOComponent 430

```
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18350, name=somite 56,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18350, name=somite 56,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
```

| Modified OBOComponent 430 | | | |
|---------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:18350, name=somite 56, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:18350 has parents [EMAPA:16860, EMAPA:31169] | | |

| Modified OBOComponent 431 | | | |
|----------------------------------|--|------|-----------------|
| ID | EMAPA:19052 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:16981[midbrain roof plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16974, name=midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16981, name=midbrain roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:19052, name=midbrain rest | | |

| Modified OBOComponent 431 | | | |
|---------------------------|--|-------------|---------|
| | of roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19052 has name [rest of roof plate] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:19052 has synonyms [caudal part of midbrain roof] | | |

| Modified OBOComponent 432 | | | |
|-------------------------------------|---|------|-----------------|
| ID | EMAPA:19050 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19047[cerebellum dorsal part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17073, name=metencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17787, name=cerebellum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19047, name=cerebellum dorsal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], | | |

| Modified OBOComponent 432 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:19050, name=cerebellum dorsal part ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19050 has name [ventricular layer] | | |

| Modified OBOComponent 433 | | | |
|---|--|-------------|-----------------|
| ID | EMAPA:19059 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:18634[hindbrain venous dural sinus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18631, name=brain venous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18632, name=hindbrain venous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18633, name=hindbrain venous sinus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18634, name=hindbrain venous dural sinus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:19059, name=cavernous sinus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19059 has name [cavernous] | | |

| Modified OBOComponent 434 | | | |
|---------------------------|-------------|------|-----------|
| ID | EMAPA:18358 | Name | Starts At |
| | | | |

| Modified OBOComponent 434 | | | |
|--------------------------------|--|------|-----------------|
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0],</p> <p>OBOComponent [id=EMAPA:18358, name=somite 58, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0],</p> <p>OBOComponent [id=EMAPA:18358, name=somite 58, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]]</p> <p>3. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0],</p> | | |

Modified OBOComponent 434

```
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18358, name=somite 58,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18358, name=somite 58,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18358, name=somite 58,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```


Modified OBOComponent 434

```
start=TS22, end=TS22, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18358, name=somite 58,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18358, name=somite 58,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 434 | | | |
|---------------------------|--|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:18358, name=somite 58, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:18358 has parents [EMAPA:16860, EMAPA:31169] | | |

| Modified OBOComponent 435 | | | |
|--|---|------|-----------------|
| ID | EMAPA:19057 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19053[diencephalon subarachnoid space] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00040, name=meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00044, name=brain meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00048, name=brain subarachnoid space, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19053, name=diencephalon subarachnoid space, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

Modified OBOComponent 435

```

namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19057, name=diencephalon
cisterna chiasmatica, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS26, present=0 ]]

2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17764, name=diencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19053, name=diencephalon
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19057, name=diencephalon
cisterna chiasmatica, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS26, present=0 ]]

3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,

```

Modified OBOComponent 435

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00048, name=brain subarachnoid
space, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19053, name=diencephalon
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19057, name=diencephalon
cisterna chiasmatica, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17764, name=diencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19053, name=diencephalon
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19057, name=diencephalon
cisterna chiasmatica, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS26, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
```

| Modified OBOComponent 435 | | | |
|---|---|-------------|---------|
| <pre> statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17764, name=diencephalon meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19053, name=diencephalon subarachnoid space, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19057, name=diencephalon cisterna chiasmatica, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] </pre> | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19057 has name [cisterna chiasmatica] | | |

| Modified OBOComponent 436 | | | |
|--|--|------|-----------------|
| ID | EMAPA:19055 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00048[brain subarachnoid space] EMAPA:17791[midbrain meninges] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <pre> 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00040, name=meninges, </pre> | | |

Modified OBOComponent 436

```
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00048, name=brain subarachnoid
space, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19055, name=midbrain
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17791, name=midbrain
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19055, name=midbrain
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
```


Modified OBOComponent 436

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00048, name=brain subarachnoid
space, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19055, name=midbrain
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17791, name=midbrain
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19055, name=midbrain
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```


| | | | |
|----------------------------------|---|--------------------|---------|
| Modified OBOComponent 436 | | | |
| | group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16974, name=midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17791, name=midbrain meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19055, name=midbrain subarachnoid space, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| <i>Rule Status</i> | PASSED | <i>Edit Status</i> | CHANGED |
| <i>Comments</i> | 1. Different Name - Referenced OBOComponent EMAPA:19055 has name [subarachnoid space] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:19055 has parents [TH:00048, EMAPA:17791] | | |

| | | | |
|---|---|-------------|------------------------|
| Modified OBOComponent 437 | | | |
| <i>ID</i> | EMAPA:31404 | <i>Name</i> | <i>Starts At</i> |
| TS25 | <i>Ends At</i> | TS28 | <i>Primary Parents</i> |
| EMAPA:28364[inner medullary interstitium] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Primary Path</i> |
| <i>Alternate Paths</i> | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28518, name=renal interstitium group, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS21, end=TS28, present=0], OBOComponent [id=EMAPA:28364, name=inner medullary interstitium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:31404, name=resident macrophage of the inner medulla, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, | | |

Modified OBOComponent 437

```
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28518, name=renal
interstitium group, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28364, name=inner medullary
interstitium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31404, name=resident
macrophage of the inner medulla,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19279, name=renal medulla,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28349, name=inner medulla,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
```

| Modified OBOComponent 437 | | | |
|---------------------------|--|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28364, name=inner medullary interstitium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:31404, name=resident macrophage of the inner medulla, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:31404 has synonyms [renal monocytes of the inner medulla] | | |

| Modified OBOComponent 438 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:18354 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:18354, name=somite 57, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, | | |

Modified OBOComponent 438

```
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18354, name=somite 57,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=meseenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18354, name=somite 57,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=meseenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18354, name=somite 57,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
```

Modified OBOComponent 438

```
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18354, name=somite 57,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18354, name=somite 57,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
```

| Modified OBOComponent 438 | | | |
|---------------------------|--|---|---------|
| | | OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:18354, name=somite 57, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0] | |
| | | 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:18354, name=somite 57, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:18354 has parents [EMAPA:16860, EMAPA:31169] | | |

| Modified OBOComponent 439 | | | |
|---|--|------|-----------------|
| ID | EMAPA:19056 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:18211[hindbrain subarachnoid space] | | | Group Parents |
| | | | Synonyms |
| [cisterna interpeduncularis, interpeduncular cistern] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, | | |

Modified OBOComponent 439

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00048, name=brain subarachnoid
space, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18211, name=hindbrain
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19056, name=hindbrain basal
cistern, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17783, name=hindbrain
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18211, name=hindbrain
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19056, name=hindbrain basal
cistern, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
```


Modified OBOComponent 439

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00048, name=brain subarachnoid
space, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18211, name=hindbrain
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19056, name=hindbrain basal
cistern, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17783, name=hindbrain
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18211, name=hindbrain
subarachnoid space, statusChange=CHANGED,
```

| Modified OBOComponent 439 | | | |
|---------------------------|---|--|---------|
| | | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:19056, name=hindbrain basal cistern, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | |
| | | 5. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17783, name=hindbrain meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18211, name=hindbrain subarachnoid space, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:19056, name=hindbrain basal cistern, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19056 has name [basal cistern] | | |

| Modified OBOComponent 440 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:19040 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19039[hippocampus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

| Modified OBOComponent 440 | | | |
|---------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17544, name=cerebral cortex, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19039, name=hippocampus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19040, name=hippocampus mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19040 has name [mantle layer] | | |

| Modified OBOComponent 441 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:19041 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19039[hippocampus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 441 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17544, name=cerebral cortex, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19039, name=hippocampus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19041, name=hippocampus marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19041 has name [marginal layer] | | |

| Modified OBOComponent 442 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:19043 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19039[hippocampus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17544, name=cerebral | | |

| Modified OBOComponent 442 | | | |
|---------------------------|---|-------------|---------|
| | cortex, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19039, name=hippocampus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19043, name=hippocampus ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19043 has name [ventricular layer] | | |

| Modified OBOComponent 443 | | | |
|-------------------------------------|--|------|-----------------|
| ID | EMAPA:19048 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19047[cerebellum dorsal part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17073, name=metencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17787, name=cerebellum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19047, name=cerebellum | | |

| Modified OBOComponent 443 | | | |
|---------------------------|---|-------------|---------|
| | dorsal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19048, name=cerebellum dorsal part mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19048 has name [mantle layer] | | |

| Modified OBOComponent 444 | | | |
|-------------------------------------|---|------|-----------------|
| ID | EMAPA:19049 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19047[cerebellum dorsal part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17073, name=metencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17787, name=cerebellum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19047, name=cerebellum dorsal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 444 | | | |
|---------------------------|--|-------------|---------|
| | start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19049, name=cerebellum dorsal part marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19049 has name [marginal layer] | | |

| Modified OBOComponent 445 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:18366 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0],</p> <p>OBOComponent [id=EMAPA:18366, name=somite 60, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0],</p> | | |

Modified OBOComponent 445

```
OBOComponent [ id=EMAPA:18366, name=somite 60,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18366, name=somite 60,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18366, name=somite 60,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 445

```
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18366, name=somite 60,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18366, name=somite 60,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 445 | | | |
|---------------------------|---|--|---------|
| | | group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:18366, name=somite 60, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | |
| | | 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:18366, name=somite 60, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:18366 has parents [EMAPA:16860, EMAPA:31169] | | |

| Modified OBOComponent 446 | | | |
|--------------------------------------|---|------|-----------------|
| ID | EMAPA:19044 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19042[rest of cerebral cortex] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous | | |

| Modified OBOComponent 446 | | | |
|---------------------------|--|-------------|---------|
| | system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17544, name=cerebral cortex, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19042, name=rest of cerebral cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19044, name=rest of cerebral cortex mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19044 has name [mantle layer] | | |

| Modified OBOComponent 447 | | | |
|--------------------------------------|---|------|-----------------|
| ID | EMAPA:19045 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19042[rest of cerebral cortex] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, | | |

| Modified OBOComponent 447 | | | |
|---------------------------|---|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17544, name=cerebral cortex, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19042, name=rest of cerebral cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19045, name=rest of cerebral cortex marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19045 has name [marginal layer] | | |

| Modified OBOComponent 448 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:18362 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:18362, name=somite 59, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 448

```
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18362, name=somite 59,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18362, name=somite 59,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18362, name=somite 59,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
```


Modified OBOComponent 448

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18362, name=somite 59,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18362, name=somite 59,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
```


| Modified OBOComponent 448 | | | |
|---------------------------|---|---|---------|
| | | <p>mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0],</p> <p>OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0],</p> <p>OBOComponent [id=EMAPA:18362, name=somite 59, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]]</p> | |
| | | <p>8. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0],</p> <p>OBOComponent [id=EMAPA:18362, name=somite 59, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]]</p> | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | <p>1. Different Parents - Referenced</p> <p>OBOComponent EMAPA:18362 has parents [EMAPA:16860, EMAPA:31169]</p> | | |

| Modified OBOComponent 449 | | | |
|--------------------------------------|---|------|-----------------|
| ID | EMAPA:19046 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19042[rest of cerebral cortex] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> | | |

| Modified OBOComponent 449 | | | |
|---------------------------|--|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17544, name=cerebral cortex, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19042, name=rest of cerebral cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19046, name=rest of cerebral cortex ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19046 has name [ventricular layer] | | |

| Modified OBOComponent 450 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:19047 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:17787[cerebellum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], | | |

| Modified OBOComponent 450 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17073, name=metencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17787, name=cerebellum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19047, name=cerebellum dorsal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19047 has name [dorsal part] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:19047 has synonyms [vermis] | | |

| Modified OBOComponent 451 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18374 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00028[vertebra] EMAPA:18043[axial skeleton tail region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],] | | |

Modified OBOComponent 451

```
OBOComponent [ id=TH:00028, name=vertebra,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18374, name=tail vertebra,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18043, name=axial skeleton
tail region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18374, name=tail vertebra,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18042, name=tail skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18043, name=axial skeleton
tail region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18374, name=tail vertebra,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 451

```
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00028, name=vertebra,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18374, name=tail vertebra,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18043, name=axial skeleton
tail region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18374, name=tail vertebra,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

| | | | |
|-------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18374 has name [vertebra] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:18374 has parents [TH:00028, EMAPA:18043] | | |

Modified OBOComponent 452

| | | | |
|-----------------------------------|---|------|-----------------|
| ID | EMAPA:18376 | Name | Starts At |
| TS12 | Ends At | TS16 | Primary Parents |
| EMAPA:16251[hindgut diverticulum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

| Modified OBOComponent 452 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16251, name=hindgut diverticulum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS20, present=0], OBOComponent [id=EMAPA:18376, name=hindgut diverticulum lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS16, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18376 has name [lumen] | | |

| Modified OBOComponent 453 | | | |
|------------------------------|---|------|-----------------|
| ID | EMAPA:19078 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27235[duodenum mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, | | |

| Modified OBOComponent 453 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:27235, name=duodenum mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19078, name=duodenum epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19078 has name [epithelium] | | |

| Modified OBOComponent 454 | | | |
|-----------------------------------|---|-------------|-----------------|
| ID | EMAPA:18375 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16248[foregut diverticulum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16248, name=foregut diverticulum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:18375, name=foregut diverticulum lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18375 has name [lumen] | | |

| Modified OBOComponent 455 | | | |
|---------------------------|-------------|------|-----------------|
| ID | EMAPA:18378 | Name | Starts At |
| TS18 | Ends At | TS23 | Primary Parents |
| | | | |

| Modified OBOComponent 455 | |
|------------------------------------|---|
| EMAPA:17179[duodenum rostral part] | Group Parents |
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17178, name=foregut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:17179, name=duodenum rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:18378, name=duodenum rostral part lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> |

| Modified OBOComponent 455 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17178, name=foregut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17179, name=duodenum rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:18378, name=duodenum rostral part lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18378 has name [lumen] | | |

| Modified OBOComponent 456 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:18377 | Name | Starts At |
| TS12 | Ends At | TS16 | Primary Parents |
| EMAPA:16255[midgut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:18377, name=midgut lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS16, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18377 has name [lumen] | | |

| Modified OBOComponent 457 | | | |
|---------------------------|--|--|--|
| | | | |

| Modified OBOComponent 457 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:18379 | Name | Starts At |
| TS22 | Ends At | TS23 | Primary Parents |
| EMAPA:18267[gastro-oesophageal junction] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:18267, name=gastro- oesophageal junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:18379, name=gastro- oesophageal junction lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18379 has name [lumen] | | |

| Modified OBOComponent 458 | | | |
|-----------------------------------|---|------|-----------------|
| ID | EMAPA:19071 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17501[upper leg mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 458 | | | |
|---------------------------|---|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17499, name=upper leg, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17501, name=upper leg mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19071, name=upper leg skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19071 has name [skeletal muscle] | | |

| Modified OBOComponent 459 | | | |
|----------------------------------|--|-------------|-----------------|
| ID | EMAPA:18370 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:16753[tail nervous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16753, name=tail nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18370, name=tail peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18370 has name [peripheral nervous system] | | |

| Modified OBOComponent 460 | | | |
|---------------------------|-------------|------|-----------|
| ID | EMAPA:18372 | Name | Starts At |
| | | | |

| Modified OBOComponent 460 | | | |
|----------------------------|---|-------------|-----------------|
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18371[tail ganglion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16753, name=tail nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18370, name=tail peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18371, name=tail ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18372, name=tail dorsal root ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18372 has name [dorsal root ganglion] | | |

| Modified OBOComponent 461 | | | |
|--|--|------|-----------------|
| ID | EMAPA:19074 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17562[medulla oblongata roof] TH:00021[4th ventricle choroid plexus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], | | |

Modified OBOComponent 461

```
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00020, name=choroid plexus,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00021, name=4th ventricle
choroid plexus, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19074, name=medulla
oblongata 4th ventricle choroid plexus,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00021, name=4th ventricle
choroid plexus, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19074, name=medulla
oblongata 4th ventricle choroid plexus,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```


| Modified OBOComponent 461 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17550, name=medulla oblongata, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17562, name=medulla oblongata roof, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19074, name=medulla oblongata 4th ventricle choroid plexus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19074 has name [choroid plexus] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:19074 has parents [EMAPA:17562, TH:00021] | | |
| | 3. Different Synonyms - Referenced OBOComponent EMAPA:19074 has synonyms [roof plate] | | |

| Modified OBOComponent 462 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18371 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18370[tail peripheral nervous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16753, name=tail nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18370, name=tail peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], | | |

| Modified OBOComponent 462 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:18371, name=tail ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18371 has name [ganglion] | | |

| Modified OBOComponent 463 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:18387 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17892[perineal body] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18387 has name [lumen] | | |

| Modified OBOComponent 464 | | | |
|--------------------------------------|--|-------------|-----------------|
| ID | EMAPA:18386 | Name | Starts At |
| TS13 | Ends At | TS23 | Primary Parents |
| EMAPA:16363[foregut-midgut junction] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:18386, name=foregut-midgut junction lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 464 | |
|---------------------------|--|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18386 has name [lumen] |

| Modified OBOComponent 465 | | | |
|-----------------------------------|--|-------------|-----------------|
| ID | EMAPA:19066 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17426[upper arm mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17424, name=upper arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17426, name=upper arm mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19066, name=upper arm skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19066 has name [skeletal muscle] | | |

| Modified OBOComponent 466 | | | |
|-------------------------------------|---|------|-----------------|
| ID | EMAPA:18385 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17631[stomach pyloric region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

| Modified OBOComponent 466 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17631, name=stomach pyloric region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:18385, name=stomach pyloric region lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18385 has name [lumen] | | |

| Modified OBOComponent 467 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18384 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17627[stomach proventricular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 467 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17627, name=stomach proventricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:18384, name=stomach proventricular region lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18384 has name [lumen] | | |

| Modified OBOComponent 468 | | | |
|------------------------------|--|-------------|-----------------|
| ID | EMAPA:18389 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17900[rest of hindgut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18389 has name [lumen] | | |

| Modified OBOComponent 469 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:18388 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17896[rectum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18388 has name [lumen] | | |

| Modified OBOComponent 470 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:19061 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:17597[cochlea] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

| Modified OBOComponent 470 | | | |
|---------------------------|--|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17286, name=inner ear vestibular component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17290, name=sacculle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17597, name=cochlea, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19061, name=organ of Corti, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:19061 has synonyms [spiral organ of Corti] | | |

| Modified OBOComponent 471 | | | |
|---|---|------|-----------------|
| ID | EMAPA:19060 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:18634[hindbrain venous dural sinus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 471 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18631, name=brain venous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18632, name=hindbrain venous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18633, name=hindbrain venous sinus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18634, name=hindbrain venous dural sinus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:19060, name=sigmoid sinus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19060 has name [sigmoid] | | |

| Modified OBOComponent 472 | | | |
|---------------------------------------|--|------|-----------------|
| ID | EMAPA:18383 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17623[stomach glandular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17623, name=stomach glandular region, statusChange=CHANGED, | | |

| Modified OBOComponent 472 | | | |
|---------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:18383, name=stomach glandular region lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18383 has name [lumen] | | |

| Modified OBOComponent 473 | | | |
|---|--|-------------|-----------------|
| ID | EMAPA:19063 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19062[tympanic membrane primordium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16991, name=external ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:19062, name=tympanic membrane primordium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19063, name=tympanic membrane primordium endothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19063 has name [endothelium] | | |

| Modified OBOComponent 474 | | | |
|-----------------------------|-------------|------|-----------------|
| ID | EMAPA:18382 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17886[stomach fundus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

| Modified OBOComponent 474 | | | |
|---------------------------|--|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17886, name=stomach fundus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0], OBOComponent [id=EMAPA:18382, name=stomach fundus lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18382 has name [lumen] | | |

| Modified OBOComponent 475 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:18381 | Name | Starts At |
| TS15 | Ends At | TS23 | Primary Parents |
| EMAPA:16706[pharynx] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 475 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:18381, name=pharynx lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18381 has name [lumen] | | |

| Modified OBOComponent 476 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:18380 | Name | Starts At |
| TS16 | Ends At | TS23 | Primary Parents |
| EMAPA:16833[oesophagus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16833, name=oesophagus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS23, present=0], OBOComponent [id=EMAPA:18380, name=oesophagus lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS23, present=0]] | | |
| | | | |

| Modified OBOComponent 476 | | | |
|---------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18380 has name [lumen] | | |

| Modified OBOComponent 477 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:19064 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19062[tympanic membrane primordium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16991, name=external ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:19062, name=tympanic membrane primordium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19064, name=tympanic membrane primordium epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19064 has name [epithelium] | | |

| Modified OBOComponent 478 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:18399 | Name | Starts At |
| TS15 | Ends At | TS17 | Primary Parents |
| EMAPA:16262[oral region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 478 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18399, name=oral region cavity, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18399 has name [cavity] | | |

| Modified OBOComponent 479 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:18396 | Name | Starts At |
| TS15 | Ends At | TS20 | Primary Parents |
| EMAPA:16715[hindgut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18396 has name [lumen] | | |

| Modified OBOComponent 480 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:18395 | Name | Starts At |
| TS17 | Ends At | TS20 | Primary Parents |
| EMAPA:17021[stomach] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 480 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:18395, name=stomach lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18395 has name [lumen] | | |

| Modified OBOComponent 481 | | | |
|---|---|------|-----------------|
| ID | EMAPA:18398 | Name | Starts At |
| TS17 | Ends At | TS20 | Primary Parents |
| EMAPA:17032[hindgut diverticulum preanal component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16251, name=hindgut diverticulum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS20, present=0], OBOComponent [id=EMAPA:17032, name=hindgut diverticulum preanal component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0], OBOComponent [id=EMAPA:18398, name=hindgut diverticulum preanal component lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, | | |

| Modified OBOComponent 481 | | | |
|---------------------------|--|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18398 has name [lumen] | | |

| Modified OBOComponent 482 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:18397 | Name | Starts At |
| TS17 | Ends At | TS20 | Primary Parents |
| EMAPA:17028[hindgut diverticulum postanal component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16251, name=hindgut diverticulum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS20, present=0], OBOComponent [id=EMAPA:17028, name=hindgut diverticulum postanal component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0], OBOComponent [id=EMAPA:18397, name=hindgut diverticulum postanal component lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18397 has name [lumen] | | |

| Modified OBOComponent 483 | | | |
|---|-------------|------|-----------------|
| ID | EMAPA:19099 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00348[left hepatic duct] EMAPA:16844[hepatic duct extrahepatic part] | | | Group Parents |
| | | | Synonyms |
| | | | |

Modified OBOComponent 483

| [] | Primary Path |
|-----------------|---|
| Alternate Paths | <pre> 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16843, name=hepatic duct, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16844, name=hepatic duct extrahepatic part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:19099, name=left hepatic duct extrahepatic part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16843, name=hepatic duct, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=TH:00348, name=left hepatic duct, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:19099, name=left hepatic duct extrahepatic part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] </pre> |

| Modified OBOComponent 483 | | | |
|---------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19099 has name [left] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:19099 has parents [TH:00348, EMAPA:16844] | | |

| Modified OBOComponent 484 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17505 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17504[pancreas body] TH:00167[dorsal pancreatic duct] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:17065, name=foregut-midgut junction gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17503, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:17504, name=pancreas body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:17505, name=dorsal pancreatic duct of pancreas body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED,</p> | | |

Modified OBOComponent 484

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16363, name=foregut-midgut
junction, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS13, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17065, name=foregut-midgut
junction gland, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17503, name=pancreas,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS23, present=0 ],
OBOComponent [ id=TH:00169, name=pancreatic duct,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS23, present=0 ],
OBOComponent [ id=TH:00167, name=dorsal pancreatic
duct, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17505, name=dorsal
pancreatic duct of pancreas body,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS23, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16363, name=foregut-midgut
junction, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
```

| Modified OBOComponent 484 | | | |
|---------------------------|---|-------------|---------|
| | start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:17065, name=foregut-midgut junction gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17503, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=TH:00167, name=dorsal pancreatic duct, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:17505, name=dorsal pancreatic duct of pancreas body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17505 has name [dorsal pancreatic duct] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17505 has parents [EMAPA:17504, TH:00167] | | |

| Modified OBOComponent 485 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:18392 | Name | Starts At |
| TS17 | Ends At | TS23 | Primary Parents |
| EMAPA:17042[rest of midgut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17042, name=rest of midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:18392, name=rest of midgut lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0]] | | |

| Modified OBOComponent 485 | | | |
|---------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18392 has name [lumen] | | |

| Modified OBOComponent 486 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17506 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17504[pancreas body] TH:00171[pancreas parenchyma] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:17065, name=foregut-midgut junction gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:17503, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:17504, name=pancreas body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:17506, name=pancreas body parenchyma, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED,</p> | | |

Modified OBOComponent 486

| | | | |
|-------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:17065, name=foregut-midgut junction gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17503, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=TH:00171, name=pancreas parenchyma, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:17506, name=pancreas body parenchyma, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17506 has name [parenchyma] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17506 has parents [EMAPA:17504, TH:00171] | | |
| | 3. Different Synonyms - Referenced OBOComponent EMAPA:17506 has synonyms [associated mesenchyme] | | |

Modified OBOComponent 487

| | | | |
|--------------------------|---|------|-----------------|
| ID | EMAPA:18391 | Name | Starts At |
| TS17 | Ends At | TS23 | Primary Parents |
| EMAPA:17036[midgut loop] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 487 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17036, name=midgut loop, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:18391, name=midgut loop lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18391 has name [lumen] | | |

| Modified OBOComponent 488 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:17507 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17503[pancreas] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:17065, name=foregut-midgut junction gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], | | |

| Modified OBOComponent 488 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:17503, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:17507, name=pancreas head, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17507 has name [head] | | |

| Modified OBOComponent 489 | | | |
|--------------------------------------|---|-------------|-----------------|
| ID | EMAPA:18394 | Name | Starts At |
| TS22 | Ends At | TS23 | Primary Parents |
| EMAPA:18257[anal canal rostral part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18257, name=anal canal rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:18394, name=anal canal rostral part lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18394 has name [lumen] | | |

| Modified OBOComponent 490 | | | |
|---------------------------|-------------|------|-----------------|
| ID | EMAPA:17508 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| | | | |

| | | |
|--|--|---------------|
| Modified OBOComponent 490 | | |
| TH:00171[pancreas parenchyma] EMAPA:17507[pancreas head] | | Group Parents |
| | | Synonyms |
| [] | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:17065, name=foregut-midgut junction gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:17503, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:17507, name=pancreas head, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:17508, name=pancreas head parenchyma, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED,</p> | |

| Modified OBOComponent 490 | | | |
|---------------------------|--|---|---------|
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:17065, name=foregut-midgut junction gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17503, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=TH:00171, name=pancreas parenchyma, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:17508, name=pancreas head parenchyma, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17508 has name [parenchyma] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17508 has parents [TH:00171, EMAPA:17507] | | |
| | 3. Different Synonyms - Referenced OBOComponent EMAPA:17508 has synonyms [associated mesenchyme] | | |

| Modified OBOComponent 491 | | | |
|-------------------------------------|---|------|-----------------|
| ID | EMAPA:18393 | Name | Starts At |
| TS22 | Ends At | TS23 | Primary Parents |
| EMAPA:18261[anal canal caudal part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 491 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18261, name=anal canal caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:18393, name=anal canal caudal part lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18393 has name [lumen] | | |

| Modified OBOComponent 492 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:17501 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17499[upper leg] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17499, name=upper leg, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17501, name=upper leg mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17501 has name [mesenchyme] | | |

| Modified OBOComponent 493 | | | |
|-----------------------------------|-------------|------|-----------------|
| ID | EMAPA:17502 | Name | Starts At |
| TS20 | Ends At | TS20 | Primary Parents |
| EMAPA:17501[upper leg mesenchyme] | | | Group Parents |
| | | | |

| Modified OBOComponent 493 | | | |
|---------------------------|---|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17499, name=upper leg, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17501, name=upper leg mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17502, name=femur pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17502 has synonyms [femoral pre-cartilage condensation] | | |

| Modified OBOComponent 494 | | | |
|-----------------------------------|--|------|-----------------|
| ID | EMAPA:18390 | Name | Starts At |
| TS18 | Ends At | TS23 | Primary Parents |
| EMAPA:17194[duodenum caudal part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 494

| | | | |
|-------------|---|-------------|---------|
| | group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17193, name=midgut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17194, name=duodenum caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:18390, name=duodenum caudal part lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17193, name=midgut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17194, name=duodenum caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:18390, name=duodenum caudal part lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18390 has name [lumen] | | |

Modified OBOComponent 495

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

| Modified OBOComponent 495 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:19092 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:16849[main bronchus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16737, name=respiratory tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16738, name=lower respiratory tract, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16849, name=main bronchus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:19092, name=main bronchus cartilaginous ring, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19092 has name [cartilaginous ring] | | |

| Modified OBOComponent 496 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:17504 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17503[pancreas] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 496 | | | |
|---------------------------|---|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:17065, name=foregut-midgut junction gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17503, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:17504, name=pancreas body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17504 has name [body] | | |

| Modified OBOComponent 497 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:19091 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18333[larynx] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18333, name=larynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], | | |

| Modified OBOComponent 497 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:19091, name=larynx aditus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19091 has name [aditus] | | |

| Modified OBOComponent 498 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:17511 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17503[pancreas] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:17065, name=foregut-midgut junction gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17503, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:17511, name=pancreas tail, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17511 has name [tail] | | |

| Modified OBOComponent 499 | | | |
|---------------------------|-------------|------|-----------------|
| ID | EMAPA:17510 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| | | | |

| Modified OBOComponent 499 | | |
|--|---|---------------|
| EMAPA:17507[pancreas head] TH:00169[pancreatic duct] | | Group Parents |
| | | Synonyms |
| [accessory pancreatic duct, Duct of Santorini] | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:17065, name=foregut-midgut junction gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:17503, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:17507, name=pancreas head, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:17510, name=ventral pancreatic duct, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED,</p> | |

| Modified OBOComponent 499 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:17065, name=foregut-midgut junction gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17503, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=TH:00169, name=pancreatic duct, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:17510, name=ventral pancreatic duct, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17510 has parents [EMAPA:17507, TH:00169] | | |

| Modified OBOComponent 500 | | | |
|--|--|------|-----------------|
| ID | EMAPA:19089 | Name | Starts At |
| TS23 | Ends At | TS28 | Primary Parents |
| EMAPA:28533[male associated reproductive structure] EMAPA:17968[male reproductive system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:28533, name=male associated reproductive structure, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:19089, name=gubernaculum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, | | |

| Modified OBOComponent 500 | | | |
|---------------------------|--|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS28, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:19089, name=gubernaculum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS28, present=0]] | | |
| | 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:28533, name=male associated reproductive structure, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:19089, name=gubernaculum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:19089 has synonyms [caudal suspensory ligament] | | |

| Modified OBOComponent 501 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:19084 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18855[gastro-oesophageal junction] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18855, name=gastro- oesophageal junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19084, name=gastro- oesophageal junction mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19084 has name [mesentery] | | |

| Modified OBOComponent 502 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:19081 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18852[duodenum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 502 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:19081, name=duodenum mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19081 has name [mesentery] | | |

| Modified OBOComponent 503 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:19080 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18852[duodenum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:19080, name=duodenum lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19080 has name [lumen] | | |

| Modified OBOComponent 504 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:19083 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18852[duodenum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:19083, name=duodenum vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19083 has name [vascular element] | | |

| Modified OBOComponent 505 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:17500 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17499[upper leg] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 505 | | | |
|---------------------------|--|-------------|---------|
| | group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17499, name=upper leg, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17500, name=upper leg epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17500 has name [epithelium] | | |

| Modified OBOComponent 506 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:29880 | Name | Starts At |
| TS28 | Ends At | TS28 | Primary Parents |
| EMAPA:17962[ovary] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:17962, name=ovary, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:29880, name=ruptured follicle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:29880 has synonyms [ovulated follicle] | | |

| Modified OBOComponent 507 | | | |
|--------------------------------|--|-------------|-----------------|
| ID | EMAPA:29884 | Name | Starts At |
| TS28 | Ends At | TS28 | Primary Parents |
| EMAPA:29880[ruptured follicle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:17962, name=ovary, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:29880, name=ruptured follicle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0], OBOComponent [id=EMAPA:29884, name=germinal cell of ruptured follicle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:29884 has synonyms [granulosa] | | |

| Modified OBOComponent 508 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:16400 | Name | Starts At |
| TS14 | Ends At | TS19 | Primary Parents |
| EMAPA:16399[3rd branchial arch] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 508 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16117, name=branchial arch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16399, name=3rd branchial arch, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16400, name=3rd branchial arch ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16400 has synonyms [epithelium] | | |

| Modified OBOComponent 509 | | | |
|-------------------------------|---|-------------|-----------------|
| ID | EMAPA:29878 | Name | Starts At |
| TS28 | Ends At | TS28 | Primary Parents |
| EMAPA:29874[atretic follicle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:17962, name=ovary, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:29874, name=atretic follicle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0], OBOComponent [id=EMAPA:29878, name=apoptotic germinal cell, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:29878 has synonyms [apoptotic granulosa] | | |

| Modified OBOComponent 510 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:29897 | Name | Starts At |
| TS28 | Ends At | TS28 | Primary Parents |
| EMAPA:18984[oviduct] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:18984, name=oviduct, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS28, present=0], OBOComponent [id=EMAPA:29897, name=oviduct infundibulum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:29897 has name [infundibulum] | | |

| Modified OBOComponent 511 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:29862 | Name | Starts At |
| TS28 | Ends At | TS28 | Primary Parents |
| EMAPA:17962[ovary] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 511 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:17962, name=ovary, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:29862, name=secondary follicle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:29862 has synonyms [antral follicle] | | |

| Modified OBOComponent 512 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:16413 | Name | Starts At |
| TS14 | Ends At | TS14 | Primary Parents |
| EMAPA:16177[trunk mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16413, name=trunk mesenchyme derived from neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 512 | | | |
|---------------------------|---|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16413, name=trunk mesenchyme derived from neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16413 has name [mesenchyme derived from neural crest] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:16413 has parents [EMAPA:16177] | | |
| | 3. Different Parents - Referenced OBOComponent EMAPA:16413 has parents [EMAPA:16183] | | |

| Modified OBOComponent 513 | | | |
|---|---|------|-----------------|
| ID | EMAPA:27749 | Name | Starts At |
| TS21 | Ends At | TS28 | Primary Parents |
| EMAPA:28477[primitive collecting duct group] EMAPA:28407[collecting duct] EMAPA:27721[nephrogenic zone] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28477, name=primitive collecting duct group, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS21, end=TS21, present=0], OBOComponent [id=EMAPA:27749, name=ureteric tip, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS28, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

Modified OBOComponent 513

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statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28407, name=collecting
duct, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27749, name=ureteric tip,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS28, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27721, name=nephrogenic
zone, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27749, name=ureteric tip,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS28, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
```


| Modified OBOComponent 513 | | | |
|---------------------------|--|---|---------|
| | | OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28477, name=primitive collecting duct group, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS21, end=TS21, present=0], OBOComponent [id=EMAPA:27749, name=ureteric tip, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS28, present=0]] | |
| | | 5. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28407, name=collecting duct, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:27749, name=ureteric tip, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS28, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27749 has synonyms [ureteric ampulla] | | |

| Modified OBOComponent 514 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:27742 | Name | Starts At |
| TS21 | Ends At | TS28 | Primary Parents |
| EMAPA:27721[nephrogenic zone] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 514 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:27721, name=nephrogenic zone, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS28, present=0], OBOComponent [id=EMAPA:27742, name=pretubular aggregate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27742 has synonyms [pretubular condensate] | | |

| Modified OBOComponent 515 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:16407 | Name | Starts At |
| TS14 | Ends At | TS19 | Primary Parents |
| EMAPA:16406[forelimb bud] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16406, name=forelimb bud, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16407, name=forelimb bud ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:16407 has End Stage TS18 | | |

| Modified OBOComponent 515 | |
|---------------------------|---|
| | 2. Different Name - Referenced OBOComponent EMAPA:16407 has name [ectoderm] |
| | 3. Different Synonyms - Referenced OBOComponent EMAPA:16407 has synonyms [epithelium] |

| Modified OBOComponent 516 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:16408 | Name | Starts At |
| TS14 | Ends At | TS19 | Primary Parents |
| EMAPA:16406[forelimb bud] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16406, name=forelimb bud, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16408, name=forelimb bud mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:16408 has End Stage TS18 | | |
| | 2. Different Name - Referenced OBOComponent EMAPA:16408 has name [mesenchyme] | | |

| Modified OBOComponent 517 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:29866 | Name | Starts At |
| TS28 | Ends At | TS28 | Primary Parents |
| EMAPA:29862[secondary follicle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], | | |

| Modified OBOComponent 517 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:17962, name=ovary, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:29862, name=secondary follicle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0], OBOComponent [id=EMAPA:29866, name=follicle cell of secondary follicle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:29866 has synonyms [granulosa cell of secondary follicle] | | |

| Modified OBOComponent 518 | | | |
|---------------------------------|---|-------------|-----------------|
| ID | EMAPA:16401 | Name | Starts At |
| TS14 | Ends At | TS19 | Primary Parents |
| EMAPA:16399[3rd branchial arch] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16117, name=branchial arch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16399, name=3rd branchial arch, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16401, name=3rd branchial arch endoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16401 has synonyms [endothelium] | | |

| Modified OBOComponent 519 | | | |
|---------------------------|-------------|------|-----------|
| ID | EMAPA:27735 | Name | Starts At |
| | | | |

| Modified OBOComponent 519 | | | |
|-------------------------------|---|-------------|-----------------|
| TS21 | Ends At | TS28 | Primary Parents |
| EMAPA:27721[nephrogenic zone] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:27721, name=nephrogenic zone, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS28, present=0], OBOComponent [id=EMAPA:27735, name=cap mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27735 has synonyms [condensed mesenchyme] | | |

| Modified OBOComponent 520 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:16409 | Name | Starts At |
| TS14 | Ends At | TS14 | Primary Parents |
| EMAPA:16177[trunk mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, | | |

| Modified OBOComponent 520 | | | |
|---------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16409, name=lateral mesenchyme derived from mesoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16409, name=lateral mesenchyme derived from mesoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16409 has synonyms [lateral mesenchyme] | | |

| Modified OBOComponent 521 | | | |
|--|---|------|-----------------|
| ID | EMAPA:27770 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:17954[early nephron GROUP] EMAPA:17373[metanephros] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron | | |

Modified OBOComponent 521

GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0],
OBOComponent [id=EMAPA:27770, name=capillary loop renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]]

2. [
OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],
OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],
OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],
OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],
OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],
OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],
OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],
OBOComponent [id=EMAPA:27770, name=capillary loop renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]]

3. [
OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],
OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],
OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],
OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],
OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],
OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],
OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],
OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0],
OBOComponent [id=EMAPA:27770, name=capillary loop renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]]

| Modified OBOComponent 521 | | | |
|---------------------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27770 has synonyms [renal corpuscle of the stage III nephron] | | |

| Modified OBOComponent 522 | | | |
|---|---|------|-----------------|
| ID | EMAPA:27772 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:27770[capillary loop renal corpuscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27770, name=capillary loop renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0], OBOComponent [id=EMAPA:27772, name=visceral epithelium of capillary loop renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> | | |

| Modified OBOComponent 522 | | | |
|--|---|-------------|---------|
| group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:27770, name=capillary loop renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0], OBOComponent [id=EMAPA:27772, name=visceral epithelium of capillary loop renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | | | |
| 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27770, name=capillary loop renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0], OBOComponent [id=EMAPA:27772, name=visceral epithelium of capillary loop renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27772 has synonyms [podocyte layer] | | |

| Modified OBOComponent 523 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:27764 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:27756[s-shaped body] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 523

```
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27756, name=s-shaped body,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ],
OBOComponent [ id=EMAPA:27764, name=proximal
segment of s-shaped body, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27756, name=s-shaped body,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ],
OBOComponent [ id=EMAPA:27764, name=proximal
segment of s-shaped body, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
```

| Modified OBOComponent 523 | | | |
|---------------------------|---|---|---------|
| | | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27756, name=s-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0], OBOComponent [id=EMAPA:27764, name=proximal segment of s-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27764 has synonyms [lower limb of s-shaped body] | | |

| Modified OBOComponent 524 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:27762 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:27756[s-shaped body] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27756, name=s-shaped body, | | |

Modified OBOComponent 524

```
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ],
OBOComponent [ id=EMAPA:27762, name=medial segment
of s-shaped body, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27756, name=s-shaped body,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ],
OBOComponent [ id=EMAPA:27762, name=medial segment
of s-shaped body, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27756, name=s-shaped body,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
```

| Modified OBOComponent 524 | | | |
|---------------------------|--|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0], OBOComponent [id=EMAPA:27762, name=medial segment of s-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27762 has synonyms [mid-portion of s-shaped body] | | |

| Modified OBOComponent 525 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:27760 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:27756[s-shaped body] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:27756, name=s-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0],</p> <p>OBOComponent [id=EMAPA:27760, name=distal segment of s-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> | | |

Modified OBOComponent 525

| | | | |
|--|---|-------------|---------|
| OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:27756, name=s-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0], OBOComponent [id=EMAPA:27760, name=distal segment of s-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0] | | | |
| 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27756, name=s-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0], OBOComponent [id=EMAPA:27760, name=distal segment of s-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27760 has synonyms [upper limb of s-shaped body] | | |

Modified OBOComponent 526

| | | | |
|---|-------------|------|-----------------|
| ID | EMAPA:27756 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:17373[metanephros] EMAPA:17954[early nephron GROUP] | | | Group Parents |
| | | | Synonyms |
| | | | |

Modified OBOComponent 526

| [] | Primary Path |
|-----------------|--|
| Alternate Paths | <div data-bbox="512 192 1355 1003"> <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:27756, name=s-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]]</p> </div> <div data-bbox="512 1003 1355 1809"> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:27756, name=s-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]]</p> </div> <div data-bbox="512 1809 1355 2130"> <p>3. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> </div> |

| Modified OBOComponent 526 | | | |
|---------------------------|--|---|---------|
| | | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27756, name=s-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27756 has synonyms [stage II nephron] | | |

| Modified OBOComponent 527 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18301 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17943[upper jaw molar epithelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17938, name=upper jaw tooth, statusChange=CHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 527 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17942, name=upper jaw molar, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17943, name=upper jaw molar epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18301, name=upper jaw molar dental lamina, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18301 has name [dental lamina] | | |

| Modified OBOComponent 528 | | | |
|---|---|------|-----------------|
| ID | EMAPA:18300 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17941[upper jaw incisor mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17938, name=upper jaw tooth, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17939, name=upper jaw incisor, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17941, name=upper jaw incisor mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 528 | | | |
|---------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18300, name=upper jaw incisor dental papilla, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18300 has name [dental papilla] | | |

| Modified OBOComponent 529 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:18303 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17944[upper jaw molar mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17938, name=upper jaw tooth, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17942, name=upper jaw molar, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17944, name=upper jaw molar mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18303, name=upper jaw molar dental papilla, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 529 | |
|---------------------------|---|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18303 has name [dental papilla] |

| Modified OBOComponent 530 | | | |
|---|--|-------------|-----------------|
| ID | EMAPA:18302 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17943[upper jaw molar epithelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17938, name=upper jaw tooth, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17942, name=upper jaw molar, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17943, name=upper jaw molar epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18302, name=upper jaw molar enamel organ, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18302 has name [enamel organ] | | |

| Modified OBOComponent 531 | | | |
|---------------------------|-------------|------|-----------|
| ID | EMAPA:18308 | Name | Starts At |
| | | | |

| Modified OBOComponent 531 | | | |
|------------------------------|---|-------------|-----------------|
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18307[liver left lobe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16846, name=liver, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18306, name=liver lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18307, name=liver left lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18308, name=liver left lobe bare area, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18308 has name [bare area] | | |

| Modified OBOComponent 532 | | | |
|------------------------------|---|------|-----------------|
| ID | EMAPA:18309 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18307[liver left lobe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 532 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16846, name=liver, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18306, name=liver lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18307, name=liver left lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18309, name=liver left lobe hepatic sinusoid, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18309 has name [hepatic sinusoid] | | |

| Modified OBOComponent 533 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:18306 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:16846[liver] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16846, name=liver, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18306, name=liver lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 533 | |
|---------------------------|---|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18306 has name [lobe] |

| Modified OBOComponent 534 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:27790 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:27782[renal tubule] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27782, name=renal tubule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0], OBOComponent [id=EMAPA:27790, name=renal connecting tubule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] </pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, </pre> <p>]</p> | | |

| Modified OBOComponent 534 | | | |
|---------------------------|---|---|---------|
| | | start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:27782, name=renal tubule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0], OBOComponent [id=EMAPA:27790, name=renal connecting tubule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | |
| | | 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27782, name=renal tubule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0], OBOComponent [id=EMAPA:27790, name=renal connecting tubule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27790 has synonyms [renal connecting tubule of capillary loop nephron] | | |

| Modified OBOComponent 535 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:18307 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18306[liver lobe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

| Modified OBOComponent 535 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16846, name=liver, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18306, name=liver lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18307, name=liver left lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18307 has name [left] | | |

| Modified OBOComponent 536 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18304 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00348[left hepatic duct] EMAPA:16845[hepatic duct intrahepatic part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16843, name=hepatic duct, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16845, name=hepatic duct intrahepatic part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], | | |

| Modified OBOComponent 536 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:18304, name=left hepatic duct intrahepatic part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16843, name=hepatic duct, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=TH:00348, name=left hepatic duct, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18304, name=left hepatic duct intrahepatic part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18304 has name [left] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:18304 has parents [TH:00348, EMAPA:16845] | | |

| Modified OBOComponent 537 | | | |
|---|---|------|-----------------|
| ID | EMAPA:18305 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:16845[hepatic duct intrahepatic part] TH:00349[right hepatic duct] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

Modified OBOComponent 537

| | | | |
|-------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16843, name=hepatic duct, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16845, name=hepatic duct intrahepatic part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18305, name=right hepatic duct intrahepatic part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16843, name=hepatic duct, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=TH:00349, name=right hepatic duct, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18305, name=right hepatic duct intrahepatic part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18305 has name [right] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:18305 has parents [EMAPA:16845, TH:00349] | | |

Modified OBOComponent 538

| | | | |
|---------------------------------|-------------|------|-----------------|
| ID | EMAPA:18314 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18313[liver caudate lobe] | | | Group Parents |

| Modified OBOComponent 538 | | | |
|---------------------------|---|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16846, name=liver, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18306, name=liver lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18311, name=liver right lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18313, name=liver caudate lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18314, name=liver caudate lobe hepatic sinusoid, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18314 has name [hepatic sinusoid] | | |

| Modified OBOComponent 539 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:18313 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18311[liver right lobe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 539 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16846, name=liver, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18306, name=liver lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18311, name=liver right lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18313, name=liver caudate lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18313 has name [caudate lobe] | | |

| Modified OBOComponent 540 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:18312 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18311[liver right lobe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16846, name=liver, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18306, name=liver lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18311, name=liver right | | |

| Modified OBOComponent 540 | | | |
|---------------------------|---|-------------|---------|
| | lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18312, name=liver right lobe bare area, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18312 has name [bare area] | | |

| Modified OBOComponent 541 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:18311 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18306[liver lobe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16846, name=liver, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18306, name=liver lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18311, name=liver right lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18311 has name [right] | | |

| Modified OBOComponent 542 | | | |
|------------------------------|-------------|------|-----------------|
| ID | EMAPA:18310 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18307[liver left lobe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| | | | |

| Modified OBOComponent 542 | | | |
|---------------------------|--|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16846, name=liver, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18306, name=liver lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18307, name=liver left lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18310, name=liver left lobe parenchyma, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18310 has name [parenchyma] | | |

| Modified OBOComponent 543 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:27788 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:27782[renal tubule] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], | | |

Modified OBOComponent 543

```
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27782, name=renal tubule,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ],
OBOComponent [ id=EMAPA:27788, name=early distal
tubule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS21, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27782, name=renal tubule,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ],
OBOComponent [ id=EMAPA:27788, name=early distal
tubule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

| Modified OBOComponent 543 | | | |
|---------------------------|---|-------------|---------|
| | start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27782, name=renal tubule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0], OBOComponent [id=EMAPA:27788, name=early distal tubule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27788 has synonyms [early distal tubule of capillary loop nephron] | | |

| Modified OBOComponent 544 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:27784 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:27782[renal tubule] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27782, name=renal tubule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0], OBOComponent [id=EMAPA:27784, name=early proximal tubule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 544

| | | | |
|---|---|--------------------|---------|
| <pre> group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:27782, name=renal tubule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0], OBOComponent [id=EMAPA:27784, name=early proximal tubule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] </pre> | | | |
| <pre> 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27782, name=renal tubule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0], OBOComponent [id=EMAPA:27784, name=early proximal tubule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] </pre> | | | |
| <i>Rule Status</i> | PASSED | <i>Edit Status</i> | CHANGED |
| <i>Comments</i> | 1. Different Synonyms - Referenced OBOComponent EMAPA:27784 has synonyms [early proximal tubule of capillary loop nephron] | | |

Modified OBOComponent 545

| | | | |
|----------------------------------|----------------|-------------|------------------------|
| <i>ID</i> | EMAPA:18319 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:18318[liver quadrate lobe] | | | <i>Group Parents</i> |
| | | | |

| Modified OBOComponent 545 | | | |
|---------------------------|---|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16846, name=liver, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18306, name=liver lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18311, name=liver right lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18318, name=liver quadrate lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18319, name=liver quadrate lobe hepatic sinusoid, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18319 has name [hepatic sinusoid] | | |

| Modified OBOComponent 546 | | | |
|---|---|------|-----------------|
| ID | EMAPA:27782 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:17373[metanephros] EMAPA:17954[early nephron GROUP] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 546

```
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27782, name=renal tubule,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27782, name=renal tubule,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
```


| Modified OBOComponent 546 | | | |
|---------------------------|--|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27782, name=renal tubule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27782 has synonyms [renal tubule of capillary loop nephron] | | |

| Modified OBOComponent 547 | | | |
|---------------------------------|---|-------------|-----------------|
| ID | EMAPA:18315 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18313[liver caudate lobe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16846, name=liver, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18306, name=liver lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18311, name=liver right lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18313, name=liver caudate lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18315, name=liver caudate lobe parenchyma, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18315 has name [parenchyma] | | |

| Modified OBOComponent 548 | | | |
|-------------------------------|---|-------------|-----------------|
| ID | EMAPA:18316 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18311[liver right lobe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16846, name=liver, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18306, name=liver lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18311, name=liver right lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18316, name=liver right lobe hepatic sinusoid, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18316 has name [hepatic sinusoid] | | |

| Modified OBOComponent 549 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:18317 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18311[liver right lobe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 549 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16846, name=liver, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18306, name=liver lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18311, name=liver right lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18317, name=liver right lobe parenchyma, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18317 has name [parenchyma] | | |

| Modified OBOComponent 550 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:18318 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18311[liver right lobe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16846, name=liver, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18306, name=liver lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, | | |

| Modified OBOComponent 550 | | | |
|---------------------------|---|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18311, name=liver right lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18318, name=liver quadrate lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18318 has name [quadrate lobe] | | |

| Modified OBOComponent 551 | | | |
|----------------------------------|---|-------------|-----------------|
| ID | EMAPA:18320 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18318[liver quadrate lobe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16846, name=liver, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18306, name=liver lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18311, name=liver right lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18318, name=liver quadrate lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18320, name=liver quadrate lobe parenchyma, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18320 has name [parenchyma] | | |

| Modified OBOComponent 552 | | | |
|-----------------------------------|--|-------------|-----------------|
| ID | EMAPA:18600 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18598[communicating artery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18598, name=communicating artery, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18600, name=posterior communicating artery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18600 has name [posterior] | | |

| Modified OBOComponent 553 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:16102 | Name | Starts At |
| TS11 | Ends At | TS11 | Primary Parents |
| EMAPA:25765[mouse] EMAPA:16039[embryo] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16102, name=notochordal process, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS11, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced | | |

| Modified OBOComponent 553 | |
|---------------------------|--|
| | OBOComponent EMAPA:16102 has synonyms [head process] |

| Modified OBOComponent 554 | | | |
|------------------------------|---|-------------|-----------------|
| ID | EMAPA:16100 | Name | Starts At |
| TS11 | Ends At | TS11 | Primary Parents |
| EMAPA:16098[head mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16098, name=head mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16100, name=head mesenchyme derived from neural-crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS11, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31858, name=head, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16098, name=head mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16100, name=head mesenchyme derived from neural-crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS11, present=0]]</p> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16100 has name [mesenchyme derived from neural-crest] | | |

| Modified OBOComponent 555 | | | |
|---------------------------|-------------|------|-----------|
| ID | EMAPA:16130 | Name | Starts At |
| | | | |

| | | | |
|--|---|-------------|-----------------|
| Modified OBOComponent 555 | | | |
| TS12 | Ends At | TS18 | Primary Parents |
| EMAPA:16128[1st branchial arch mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16117, name=branchial arch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16118, name=1st branchial arch, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16128, name=1st branchial arch mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS18, present=0], OBOComponent [id=EMAPA:16130, name=1st branchial arch mesenchyme derived from head mesoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16130 has name [mesenchyme derived from head mesoderm] | | |

| | | | |
|------------------------------------|--|------|-----------------|
| Modified OBOComponent 556 | | | |
| ID | EMAPA:16132 | Name | Starts At |
| TS12 | Ends At | TS22 | Primary Parents |
| EMAPA:16131[pericardial component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16131, name=pericardial component, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 556 | | | |
|---------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16132, name=pericardial component cavity, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16132 has name [cavity] | | |

| Modified OBOComponent 557 | | | |
|------------------------------------|---|-------------|-----------------|
| ID | EMAPA:16133 | Name | Starts At |
| TS12 | Ends At | TS22 | Primary Parents |
| EMAPA:16131[pericardial component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16131, name=pericardial component, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16133, name=pericardial component mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16133 has name [mesothelium] | | |

| Modified OBOComponent 558 | | | |
|--|--|------|-----------------|
| ID | EMAPA:16136 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16134[pericardio-peritoneal component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 558 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16134, name=pericardio-peritoneal component, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16136, name=pericardio-peritoneal component mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16136 has name [mesothelium] | | |

| Modified OBOComponent 559 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:16135 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16134[pericardio-peritoneal component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16134, name=pericardio-peritoneal component, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16135, name=pericardio-peritoneal component cavity, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16135 has name [cavity] | | |

| Modified OBOComponent 560 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:16915 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16914[lateral ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00036, name=brain ventricle, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16914, name=lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16915, name=telencephalic part of interventricular foramen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16895, name=forebrain,</p> | | |

| Modified OBOComponent 560 | | | |
|---------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16914, name=lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16915, name=telencephalic part of interventricular foramen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16915 has synonyms [ependymal foramen] | | |

| Modified OBOComponent 561 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:16916 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16894[brain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16916 has synonyms [rhombencephalon] | | |

| Modified OBOComponent 562 | | | |
|---------------------------|-------------|------|-----------------|
| ID | EMAPA:16917 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| | | | |

| | | | |
|--|--|---------------|---------|
| Modified OBOComponent 562 | | | |
| TH:00036[brain ventricle] EMAPA:16916[hindbrain] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | <div>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00036, name=brain ventricle, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16917, name=4th ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]]</div> <div>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16917, name=4th ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]]</div> | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 562 | |
|---------------------------|---|
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16917 has parents [TH:00036, EMAPA:16916] |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16917 has synonyms [rhombencephalic vesicle] |

| Modified OBOComponent 563 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16918 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| TH:00281[rhombomere] EMAPA:16916[hindbrain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16918, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> | | |

| Modified OBOComponent 563 | | | |
|---------------------------|--|---|---------|
| | | group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16918, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16918 has parents [TH:00281, EMAPA:16916] | | |

| Modified OBOComponent 564 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16919 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16918[rhombomere 01] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16918, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16919, name=rhombomere 01 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 564

| | | | |
|---|--|-------------|---------|
| dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16918, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16919, name=rhombomere 01 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16919 has name [floor plate] | | |

Modified OBOComponent 565

| | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:16126 | Name | Starts At |
| TS12 | Ends At | TS18 | Primary Parents |
| EMAPA:16118[1st branchial arch] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16117, name=branchial arch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16118, name=1st branchial arch, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0],] | | |

| Modified OBOComponent 565 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16126, name=1st branchial arch ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS18, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16126 has synonyms [epithelium] | | |

| Modified OBOComponent 566 | | | |
|---------------------------------|--|-------------|-----------------|
| ID | EMAPA:16127 | Name | Starts At |
| TS12 | Ends At | TS19 | Primary Parents |
| EMAPA:16118[1st branchial arch] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16117, name=branchial arch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16118, name=1st branchial arch, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16127, name=1st branchial arch endoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:16127 has End Stage TS14 | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16127 has synonyms [endothelium] | | |

| Modified OBOComponent 567 | | | |
|---------------------------------|---|------|-----------------|
| ID | EMAPA:16128 | Name | Starts At |
| TS12 | Ends At | TS18 | Primary Parents |
| EMAPA:16118[1st branchial arch] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 567 | | | |
|---------------------------|--|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16117, name=branchial arch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16118, name=1st branchial arch, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16128, name=1st branchial arch mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16128 has name [mesenchyme] | | |

| Modified OBOComponent 568 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:16910 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16895[forebrain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16910 has synonyms [cerebral hemisphere] | | |

| Modified OBOComponent 569 | | | |
|---------------------------|-------------|------|-----------------|
| ID | EMAPA:16129 | Name | Starts At |
| TS12 | Ends At | TS18 | Primary Parents |

| | | | |
|--|--|---------------|---------|
| Modified OBOComponent 569 | | | |
| EMAPA:16128[1st branchial arch mesenchyme] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16117, name=branchial arch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16118, name=1st branchial arch, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16128, name=1st branchial arch mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS18, present=0], OBOComponent [id=EMAPA:16129, name=1st branchial arch mesenchyme derived from neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16129 has name [mesenchyme derived from neural crest] | | |

| Modified OBOComponent 570 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16911 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16910[telencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 570 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16911, name=telencephalon mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:16911 has End Stage TS23 | | |
| | 2. Different Name - Referenced OBOComponent EMAPA:16911 has name [mantle layer] | | |

| Modified OBOComponent 571 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:16912 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16910[telencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16912, name=telencephalon marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:16912 has End Stage TS23 | | |

| | |
|----------------------------------|---|
| Modified OBOComponent 571 | |
| | 2. Different Name - Referenced OBOComponent EMAPA:16912 has name [marginal layer] |

| | | | |
|----------------------------------|--|--------------------|------------------------|
| Modified OBOComponent 572 | | | |
| <i>ID</i> | EMAPA:16913 | <i>Name</i> | <i>Starts At</i> |
| TS17 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16910[telencephalon] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Primary Path</i> |
| <i>Alternate Paths</i> | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHECKED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16913, name=telencephalon ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| <i>Rule Status</i> | PASSED | <i>Edit Status</i> | CHANGED |
| <i>Comments</i> | 1. Different End Stage - Referenced OBOComponent EMAPA:16913 has End Stage TS23 2. Different Name - Referenced OBOComponent EMAPA:16913 has name [ventricular layer] | | |

| | | | |
|---|--|-------------|------------------------|
| Modified OBOComponent 573 | | | |
| <i>ID</i> | EMAPA:16914 | <i>Name</i> | <i>Starts At</i> |
| TS17 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| TH:00036[brain ventricle] EMAPA:16910[telencephalon] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Primary Path</i> |
| <i>Alternate Paths</i> | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

Modified OBOComponent 573

| | |
|-------------|---|
| | <p>statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00036, name=brain ventricle, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16914, name=lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]]</p> |
| | <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16914, name=lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]]</p> |
| Rule Status | <div>PASSED</div> <div>Edit Status</div> <div>CHANGED</div> |
| Comments | <p>1. Different Name - Referenced OBOComponent EMAPA:16914 has name [telencephalic vesicle]</p> |

| Modified OBOComponent 573 | |
|---------------------------|---|
| | 2. Different Parents - Referenced OBOComponent EMAPA:16914 has parents [TH:00036, EMAPA:16910] |
| | 3. Different Synonyms - Referenced OBOComponent EMAPA:16914 has synonyms [lateral ventricle] |

| Modified OBOComponent 574 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:16143 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16142[future midbrain neural fold] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16140, name=future midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16142, name=future midbrain neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16143, name=future midbrain neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16143 has name [neural crest] | | |

| Modified OBOComponent 575 | | | |
|------------------------------|--|------|-----------------|
| ID | EMAPA:16142 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16140[future midbrain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 575 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16140, name=future midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16142, name=future midbrain neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16142 has name [neural fold] | | |

| Modified OBOComponent 576 | | | |
|------------------------------|---|------|-----------------|
| ID | EMAPA:16141 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16140[future midbrain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16140, name=future midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16141, name=future midbrain floor plate, statusChange=CHANGED, | | |

| Modified OBOComponent 576 | | | |
|---------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16141 has name [floor plate] | | |

| Modified OBOComponent 577 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:16140 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16089[future brain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16140, name=future midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16140 has synonyms [future mesencephalon] | | |

| Modified OBOComponent 578 | | | |
|--|---|------|-----------------|
| ID | EMAPA:16147 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16146[future prosencephalon neural fold] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 578 | | | |
|---------------------------|---|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16144, name=future prosencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16146, name=future prosencephalon neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16147, name=future prosencephalon neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16147 has name [neural crest] | | |

| Modified OBOComponent 579 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:16146 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16144[future prosencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16144, name=future prosencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16146, name=future prosencephalon neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 579 | | | |
|---------------------------|--|-------------|---------|
| | start=TS12, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16146 has name [neural fold] | | |

| Modified OBOComponent 580 | | | |
|------------------------------------|---|-------------|-----------------|
| ID | EMAPA:16145 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16144[future prosencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16144, name=future prosencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16145, name=future prosencephalon floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16145 has name [floor plate] | | |

| Modified OBOComponent 581 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:16144 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16089[future brain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

| Modified OBOComponent 581 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16144, name=future prosencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16144 has synonyms [future forebrain] | | |

| Modified OBOComponent 582 | | | |
|--|---|------|-----------------|
| ID | EMAPA:16906 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16905[diencephalon lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16905, name=diencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 582 | | | |
|---------------------------|---|-------------|---------|
| | start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16906, name=diencephalon lateral wall mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16906 has name [mantle layer] | | |

| Modified OBOComponent 583 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:16907 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16905[diencephalon lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16905, name=diencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16907, name=diencephalon lateral wall marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16907 has name [marginal layer] | | |

| Modified OBOComponent 584 | | | |
|---------------------------|-------------|------|-----------|
| ID | EMAPA:16905 | Name | Starts At |
| | | | |

| Modified OBOComponent 584 | | | |
|---------------------------|---|-------------|-----------------|
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16896[diencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16905, name=diencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16905 has name [lateral wall] | | |

| Modified OBOComponent 585 | | | |
|--|---|------|-----------------|
| ID | EMAPA:16908 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16905[diencephalon lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 585 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16905, name=diencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16908, name=diencephalon lateral wall ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16908 has name [ventricular layer] | | |

| Modified OBOComponent 586 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:16909 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16896[diencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 586 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16909, name=diencephalon roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16909 has name [roof plate] | | |

| Modified OBOComponent 587 | | | |
|-----------------------------------|--|-------------|-----------------|
| ID | EMAPA:16139 | Name | Starts At |
| TS12 | Ends At | TS16 | Primary Parents |
| EMAPA:16137[peritoneal component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16137, name=peritoneal component, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16139, name=peritoneal component mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16139 has name [mesothelium] | | |

| Modified OBOComponent 588 | | | |
|-----------------------------------|--|------|-----------------|
| ID | EMAPA:16138 | Name | Starts At |
| TS12 | Ends At | TS16 | Primary Parents |
| EMAPA:16137[peritoneal component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 588 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16137, name=peritoneal component, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16138, name=peritoneal component cavity, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16138 has name [cavity] | | |

| Modified OBOComponent 589 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16902 | Name | Starts At |
| TS17 | Ends At | TS19 | Primary Parents |
| EMAPA:16900[3rd ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00036, name=brain ventricle, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16900, name=3rd ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 589 | | | |
|---------------------------|--|-------------|---------|
| | start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16902, name=optic recess, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS19, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16900, name=3rd ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16902, name=optic recess, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16902 has synonyms [lumen of optic stalk] | | |

| Modified OBOComponent 590 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:16903 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16896[diencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 590 | | | |
|---------------------------|---|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16903, name=diencephalon floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16903 has name [floor plate] | | |

| Modified OBOComponent 591 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16900 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16896[diencephalon] TH:00036[brain ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00036, name=brain ventricle, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16900, name=3rd ventricle, | | |

| Modified OBOComponent 591 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16900, name=3rd ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16900 has parents [EMAPA:16896, TH:00036] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16900 has synonyms [diencephalic vesicle] | | |

| Modified OBOComponent 592 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16901 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16900[3rd ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

Modified OBOComponent 592

| | |
|-------------|---|
| | <p>dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00036, name=brain ventricle, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16900, name=3rd ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16901, name=diencephalic part of interventricular foramen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16900, name=3rd ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16901, name=diencephalic part of interventricular foramen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]]</p> |
| Rule Status | <div>PASSED</div> <div>Edit Status</div> <div>CHANGED</div> |
| Comments | <p>1. Different Synonyms - Referenced OBOComponent EMAPA:16901 has synonyms [ependymal foramen]</p> |

| Modified OBOComponent 593 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16937 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16934[rhombomere 03 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16932, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0],</p> <p>OBOComponent [id=EMAPA:16934, name=rhombomere 03 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0],</p> <p>OBOComponent [id=EMAPA:16937, name=rhombomere 03 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> | | |

| Modified OBOComponent 593 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16932, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16934, name=rhombomere 03 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16937, name=rhombomere 03 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16937 has name [ventricular layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16937 has synonyms [ependymal layer] | | |

| Modified OBOComponent 594 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16938 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16932[rhombomere 03] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16932, name=rhombomere 03, | | |

| Modified OBOComponent 594 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16938, name=rhombomere 03 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16932, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16938, name=rhombomere 03 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16938 has name [roof plate] | | |

| Modified OBOComponent 595 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16939 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16916[hindbrain] TH:00281[rhombomere] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

Modified OBOComponent 595

| | | | |
|-------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16939, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16939, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16939 has parents [EMAPA:16916, TH:00281] | | |

Modified OBOComponent 596

| ID | EMAPA:16933 | Name | Starts At |
|----|-------------|------|-----------|
| | | | |

| Modified OBOComponent 596 | | | |
|----------------------------|--|------|-----------------|
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16932[rhombomere 03] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16932, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0],</p> <p>OBOComponent [id=EMAPA:16933, name=rhombomere 03 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false,</p> | | |

| Modified OBOComponent 596 | | | |
|---------------------------|--|-------------|---------|
| | start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16932, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16933, name=rhombomere 03 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16933 has name [floor plate] | | |

| Modified OBOComponent 597 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16934 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16932[rhombomere 03] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16932, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16934, name=rhombomere 03 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 597

| | | | |
|--|---|-------------|---------|
| <pre>dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16932, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16934, name=rhombomere 03 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]]</pre> | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16934 has name [lateral wall] | | |

Modified OBOComponent 598

| | | | |
|---|--|------|-----------------|
| ID | EMAPA:16935 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16934[rhombomere 03 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], | | |

Modified OBOComponent 598

| | |
|-------------|---|
| | <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16932, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0],</p> <p>OBOComponent [id=EMAPA:16934, name=rhombomere 03 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0],</p> <p>OBOComponent [id=EMAPA:16935, name=rhombomere 03 mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]]</p> |
| | <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:16932, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0],</p> <p>OBOComponent [id=EMAPA:16934, name=rhombomere 03 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0],</p> <p>OBOComponent [id=EMAPA:16935, name=rhombomere 03 mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]]</p> |
| Rule Status | <div>PASSED</div> <div>Edit Status</div> <div>CHANGED</div> |
| Comments | <p>1. Different Name - Referenced OBOComponent EMAPA:16935 has name [mantle layer]</p> |

Modified OBOComponent 599

| Modified OBOComponent 599 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16936 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16934[rhombomere 03 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16932, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0],</p> <p>OBOComponent [id=EMAPA:16934, name=rhombomere 03 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0],</p> <p>OBOComponent [id=EMAPA:16936, name=rhombomere 03 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain,</p> | | |

| Modified OBOComponent 599 | | | |
|--|---|-------------|---------|
| statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16932, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16934, name=rhombomere 03 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16936, name=rhombomere 03 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16936 has name [marginal layer] | | |

| Modified OBOComponent 600 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16930 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16927[rhombomere 02 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16925, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16927, name=rhombomere 02 lateral wall, statusChange=CHANGED, | | |

| Modified OBOComponent 600 | | | |
|---------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16930, name=rhombomere 02 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16925, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16927, name=rhombomere 02 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16930, name=rhombomere 02 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16930 has name [ventricular layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16930 has synonyms [ependymal layer] | | |

| Modified OBOComponent 601 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:16931 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16925[rhombomere 02] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [| | |

Modified OBOComponent 601

```
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16925, name=rhombomere 02,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ],
OBOComponent [ id=EMAPA:16931, name=rhombomere 02
roof plate, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00281, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:16925, name=rhombomere 02,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ],
```


| Modified OBOComponent 601 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16931, name=rhombomere 02 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16931 has name [roof plate] | | |

| Modified OBOComponent 602 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16932 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16916[hindbrain] TH:00281[rhombomere] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16932, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> | | |

| Modified OBOComponent 602 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16932, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16932 has parents [EMAPA:16916, TH:00281] | | |

| Modified OBOComponent 603 | | | |
|---------------------------------------|---|-------------|-----------------|
| ID | EMAPA:16107 | Name | Starts At |
| TS10 | Ends At | TS15 | Primary Parents |
| EMAPA:16042[extraembryonic component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16107 has synonyms [allantoic bud] | | |

| Modified OBOComponent 604 | | | |
|----------------------------------|---|------|-----------------|
| ID | EMAPA:16125 | Name | Starts At |
| TS12 | Ends At | TS19 | Primary Parents |
| EMAPA:16124[1st branchial pouch] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16117, name=branchial arch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16118, name=1st branchial arch, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16124, name=1st branchial pouch, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 604 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16125, name=1st branchial pouch endoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16125 has synonyms [endothelium] | | |

| Modified OBOComponent 605 | | | |
|-------------------------------------|---|-------------|-----------------|
| ID | EMAPA:16123 | Name | Starts At |
| TS12 | Ends At | TS16 | Primary Parents |
| EMAPA:16121[1st branchial membrane] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16117, name=branchial arch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16118, name=1st branchial arch, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16121, name=1st branchial membrane, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS16, present=0], OBOComponent [id=EMAPA:16123, name=1st branchial membrane endoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16123 has synonyms [endothelium] | | |

| Modified OBOComponent 606 | | | |
|-------------------------------------|---|------|-----------------|
| ID | EMAPA:16122 | Name | Starts At |
| TS12 | Ends At | TS16 | Primary Parents |
| EMAPA:16121[1st branchial membrane] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 606 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16117, name=branchial arch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16118, name=1st branchial arch, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16121, name=1st branchial membrane, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS16, present=0], OBOComponent [id=EMAPA:16122, name=1st branchial membrane ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16122 has synonyms [epithelium] | | |

| Modified OBOComponent 607 | | | |
|-----------------------------------|---|-------------|-----------------|
| ID | EMAPA:16120 | Name | Starts At |
| TS12 | Ends At | TS18 | Primary Parents |
| EMAPA:16119[1st branchial groove] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16117, name=branchial arch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16118, name=1st branchial arch, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16119, name=1st branchial groove, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16120, name=1st branchial groove ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16120 has synonyms [epithelium] | | |

| Modified OBOComponent 608 | | | |
|---------------------------|-------------|------|-----------|
| ID | EMAPA:16928 | Name | Starts At |
| | | | |

| Modified OBOComponent 608 | | | |
|---|---|------|-----------------|
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16927[rhombomere 02 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16925, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16927, name=rhombomere 02 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16928, name=rhombomere 02 mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] </pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, </pre> <p>]</p> | | |

| Modified OBOComponent 608 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16925, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16927, name=rhombomere 02 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16928, name=rhombomere 02 mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16928 has name [mantle layer] | | |

| Modified OBOComponent 609 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16929 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16927[rhombomere 02 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16925, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16927, name=rhombomere 02 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 609 | | | |
|---------------------------|--|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16929, name=rhombomere 02 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16925, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16927, name=rhombomere 02 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16929, name=rhombomere 02 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16929 has name [marginal layer] | | |

| Modified OBOComponent 610 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16926 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16925[rhombomere 02] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

Modified OBOComponent 610

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16925, name=rhombomere 02,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ],
OBOComponent [ id=EMAPA:16926, name=rhombomere 02
floor plate, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00281, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:16925, name=rhombomere 02,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ],
OBOComponent [ id=EMAPA:16926, name=rhombomere 02
floor plate, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
```


| Modified OBOComponent 610 | | | |
|---------------------------|--|------------------------------------|---------|
| | | start=TS17, end=TS17, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16926 has name [floor plate] | | |

| Modified OBOComponent 611 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16927 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16925[rhombomere 02] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16925, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16927, name=rhombomere 02 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]]</pre> <p>2. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</pre> | | |

| Modified OBOComponent 611 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16925, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16927, name=rhombomere 02 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16927 has name [lateral wall] | | |

| Modified OBOComponent 612 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16924 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16918[rhombomere 01] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16918, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16924, name=rhombomere 01 | | |

| Modified OBOComponent 612 | | | |
|---------------------------|--|-------------|---------|
| | roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16918, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16924, name=rhombomere 01 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16924 has name [roof plate] | | |

| Modified OBOComponent 613 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16925 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16916[hindbrain] TH:00281[rhombomere] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 613 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16925, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16925, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16925 has parents [EMAPA:16916, TH:00281] | | |

| Modified OBOComponent 614 | | | |
|---|-------------|------|-----------------|
| ID | EMAPA:16922 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16920[rhombomere 01 lateral wall] | | | Group Parents |
| | | | Synonyms |

Modified OBOComponent 614

| [] | Primary Path |
|-----------------|--|
| Alternate Paths | <p>1. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16918, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16920, name=rhombomere 01 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16922, name=rhombomere 01 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]]</pre> <p>2. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</pre> |

| Modified OBOComponent 614 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16918, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16920, name=rhombomere 01 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16922, name=rhombomere 01 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16922 has name [marginal layer] | | |

| Modified OBOComponent 615 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16923 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16920[rhombomere 01 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16918, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16920, name=rhombomere 01 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16923, name=rhombomere 01 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 615 | | | |
|---------------------------|---|-------------|---------|
| | start=TS17, end=TS17, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16918, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16920, name=rhombomere 01 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16923, name=rhombomere 01 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16923 has name [ventricular layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16923 has synonyms [ependymal layer] | | |

| Modified OBOComponent 616 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16920 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16918[rhombomere 01] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 616

```
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16918, name=rhombomere 01,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ],
OBOComponent [ id=EMAPA:16920, name=rhombomere 01
lateral wall, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00281, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:16918, name=rhombomere 01,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ],
OBOComponent [ id=EMAPA:16920, name=rhombomere 01
lateral wall, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ]]
```

Rule Status

PASSED

Edit Status

CHANGED

| Modified OBOComponent 616 | |
|---------------------------|---|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16920 has name [lateral wall] |

| Modified OBOComponent 617 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:16117 | Name | Starts At |
| TS12 | Ends At | TS19 | Primary Parents |
| EMAPA:25765[mouse] EMAPA:16039[embryo] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16117, name=branchial arch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16117 has synonyms [pharyngeal arch] | | |

| Modified OBOComponent 618 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16921 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16920[rhombomere 01 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, | | |

| Modified OBOComponent 618 | | | |
|---------------------------|--|-------------|---------|
| | <pre> statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16918, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16920, name=rhombomere 01 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16921, name=rhombomere 01 mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16918, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16920, name=rhombomere 01 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16921, name=rhombomere 01 mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] </pre> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16921 has name [mantle layer] | | |

| Modified OBOComponent 619 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:16954 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16953[rhombomere 06] | | | Group Parents |

| Modified OBOComponent 619 | |
|---------------------------|--|
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16953, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16954, name=rhombomere 06 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false,</p> |

| Modified OBOComponent 619 | | | |
|---------------------------|---|-------------|---------|
| | start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16953, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16954, name=rhombomere 06 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16954 has name [floor plate] | | |

| Modified OBOComponent 620 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16953 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16916[hindbrain] TH:00281[rhombomere] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16953, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 620 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16953, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16953 has parents [EMAPA:16916, TH:00281] | | |

| Modified OBOComponent 621 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16952 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16946[rhombomere 05] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16946, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16952, name=rhombomere 05 | | |

| Modified OBOComponent 621 | | | |
|---------------------------|---|-------------|---------|
| | roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16946, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16952, name=rhombomere 05 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16952 has name [roof plate] | | |

| Modified OBOComponent 622 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16951 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16948[rhombomere 05 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

Modified OBOComponent 622

```
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16946, name=rhombomere 05,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ],
OBOComponent [ id=EMAPA:16948, name=rhombomere 05
lateral wall, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ],
OBOComponent [ id=EMAPA:16951, name=rhombomere 05
ventricular layer, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00281, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:16946, name=rhombomere 05,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ],
OBOComponent [ id=EMAPA:16948, name=rhombomere 05
lateral wall, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ],
OBOComponent [ id=EMAPA:16951, name=rhombomere 05
ventricular layer, statusChange=CHANGED,
```

| Modified OBOComponent 622 | | | |
|---------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16951 has name [ventricular layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16951 has synonyms [ependymal layer] | | |

| Modified OBOComponent 623 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16958 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16955[rhombomere 06 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16953, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0],</p> <p>OBOComponent [id=EMAPA:16955, name=rhombomere 06 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0],</p> <p>OBOComponent [id=EMAPA:16958, name=rhombomere 06 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo,</p> | | |

| Modified OBOComponent 623 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16953, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16955, name=rhombomere 06 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16958, name=rhombomere 06 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16958 has name [ventricular layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16958 has synonyms [ependymal layer] | | |

| Modified OBOComponent 624 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16957 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16955[rhombomere 06 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, | | |

Modified OBOComponent 624

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16953, name=rhombomere 06,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ],
OBOComponent [ id=EMAPA:16955, name=rhombomere 06
lateral wall, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ],
OBOComponent [ id=EMAPA:16957, name=rhombomere 06
marginal layer, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00281, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:16953, name=rhombomere 06,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ],
OBOComponent [ id=EMAPA:16955, name=rhombomere 06
lateral wall, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ],
OBOComponent [ id=EMAPA:16957, name=rhombomere 06
marginal layer, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ]]
```

| | | | |
|-------------|--------|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| | | | |

Modified OBOComponent 624

| | |
|----------|---|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16957 has name [marginal layer] |
|----------|---|

Modified OBOComponent 625

| | | | |
|---|-------------|------|-----------------|
| ID | EMAPA:16956 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16955[rhombomere 06 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

| | |
|-----------------|---|
| Alternate Paths | <pre>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16953, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16955, name=rhombomere 06 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16956, name=rhombomere 06 mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED,</pre> |
|-----------------|---|

Modified OBOComponent 625

| | | | |
|-------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16953, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16955, name=rhombomere 06 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16956, name=rhombomere 06 mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16956 has name [mantle layer] | | |

Modified OBOComponent 626

| | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16955 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16953[rhombomere 06] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 626 | | | |
|---------------------------|---|-------------|---------|
| | start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16953, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16955, name=rhombomere 06 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16953, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16955, name=rhombomere 06 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16955 has name [lateral wall] | | |

| Modified OBOComponent 627 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16959 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16953[rhombomere 06] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 627

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16953, name=rhombomere 06,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ],
OBOComponent [ id=EMAPA:16959, name=rhombomere 06
roof plate, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00281, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:16953, name=rhombomere 06,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ],
OBOComponent [ id=EMAPA:16959, name=rhombomere 06
roof plate, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ]]
```

| Modified OBOComponent 627 | | | |
|---------------------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16959 has name [roof plate] | | |

| Modified OBOComponent 628 | | | |
|--|---|------|-----------------|
| ID | EMAPA:16171 | Name | Starts At |
| TS12 | Ends At | TS14 | Primary Parents |
| EMAPA:16098[head mesenchyme] TH:00001[paraxial mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16171, name=head paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16098, name=head mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16171, name=head paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0]]</p> <p>3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> | | |

| Modified OBOComponent 628 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31858, name=head, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16098, name=head mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16171, name=head paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16171 has name [paraxial mesenchyme] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:16171 has parents [EMAPA:16098, TH:00001] | | |

| Modified OBOComponent 629 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16172 | Name | Starts At |
| TS12 | Ends At | TS14 | Primary Parents |
| EMAPA:31169[somite group] EMAPA:16171[head paraxial mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16172, name=head somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS14, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 629

```
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16171, name=head paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16098, name=head
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16171, name=head paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
```

| Modified OBOComponent 629 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31858, name=head, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16098, name=head mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16171, name=head paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0], OBOComponent [id=EMAPA:16172, name=head somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16172 has name [somite] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:16172 has parents [EMAPA:31169, EMAPA:16171] | | |

| Modified OBOComponent 630 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:16175 | Name | Starts At |
| TS12 | Ends At | TS14 | Primary Parents |
| EMAPA:16172[head somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16171, name=head paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0], OBOComponent [id=EMAPA:16172, name=head somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS14, present=0], OBOComponent [id=EMAPA:16175, name=somite 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

Modified OBOComponent 630

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16175, name=somite 03,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16098, name=head
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16171, name=head paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16175, name=somite 03,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16171, name=head paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ],
```

Modified OBOComponent 630

```
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16175, name=somite 03,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16175, name=somite 03,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16098, name=head
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16171, name=head paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16175, name=somite 03,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 630

| | | | |
|---|---|--------------------|---------|
| <pre> group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31858, name=head, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16098, name=head mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16171, name=head paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0], OBOComponent [id=EMAPA:16172, name=head somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS14, present=0], OBOComponent [id=EMAPA:16175, name=somite 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0]] </pre> | | | |
| <pre> 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:31858, name=head, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16098, name=head mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16171, name=head paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0], OBOComponent [id=EMAPA:16172, name=head somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS14, present=0], OBOComponent [id=EMAPA:16175, name=somite 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0]] </pre> | | | |
| <i>Rule Status</i> | PASSED | <i>Edit Status</i> | CHANGED |
| <i>Comments</i> | 1. Different Parents - Referenced OBOComponent EMAPA:16175 has parents [EMAPA:16172, EMAPA:31169] | | |

Modified OBOComponent 631

| | | | |
|--------------------------------|----------------|-------------|------------------------|
| <i>ID</i> | EMAPA:16176 | <i>Name</i> | <i>Starts At</i> |
| TS12 | <i>Ends At</i> | TS14 | <i>Primary Parents</i> |
| EMAPA:16172[head somite group] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Primary Path</i> |
| | | | |

Modified OBOComponent 631*Alternate Paths*

```
1. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16171, name=head paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16176, name=somite 04,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ]]

2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16176, name=somite 04,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ]]

3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16098, name=head
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16171, name=head paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
```

Modified OBOComponent 631

```
start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16176, name=somite 04,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16171, name=head paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16176, name=somite 04,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16176, name=somite 04,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 631

```
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16098, name=head
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16171, name=head paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16176, name=somite 04,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31858, name=head,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16098, name=head
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16171, name=head paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16176, name=somite 04,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31858, name=head,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16098, name=head
mesenchyme, statusChange=CHANGED,
```


| Modified OBOComponent 631 | | | |
|---------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16171, name=head paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0], OBOComponent [id=EMAPA:16172, name=head somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS14, present=0], OBOComponent [id=EMAPA:16176, name=somite 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16176 has parents [EMAPA:16172, EMAPA:31169] | | |

| Modified OBOComponent 632 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:16173 | Name | Starts At |
| TS12 | Ends At | TS14 | Primary Parents |
| EMAPA:16172[head somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16171, name=head paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0], OBOComponent [id=EMAPA:16172, name=head somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS14, present=0], OBOComponent [id=EMAPA:16173, name=somite 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 632

```
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16173, name=somite 01,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16098, name=head
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16171, name=head paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16173, name=somite 01,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16171, name=head paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16173, name=somite 01,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
```

Modified OBOComponent 632

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16173, name=somite 01,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16098, name=head
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16171, name=head paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16173, name=somite 01,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31858, name=head,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
```

| Modified OBOComponent 632 | | | |
|---------------------------|--|--|---------|
| | | newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16098, name=head mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16171, name=head paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0], OBOComponent [id=EMAPA:16172, name=head somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS14, present=0], OBOComponent [id=EMAPA:16173, name=somite 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0]] | |
| | | 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:31858, name=head, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16098, name=head mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16171, name=head paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0], OBOComponent [id=EMAPA:16172, name=head somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS14, present=0], OBOComponent [id=EMAPA:16173, name=somite 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16173 has parents [EMAPA:16172, EMAPA:31169] | | |

| Modified OBOComponent 633 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:16174 | Name | Starts At |
| TS12 | Ends At | TS14 | Primary Parents |
| EMAPA:16172[head somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, | | |

Modified OBOComponent 633

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16171, name=head paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16174, name=somite 02,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16174, name=somite 02,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16098, name=head
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16171, name=head paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16174, name=somite 02,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ]]
```

```
4. [
```

Modified OBOComponent 633

```
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16171, name=head paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16174, name=somite 02,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16174, name=somite 02,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
```


Modified OBOComponent 633

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16098, name=head
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16171, name=head paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16174, name=somite 02,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31858, name=head,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16098, name=head
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16171, name=head paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16174, name=somite 02,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31858, name=head,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16098, name=head
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16171, name=head paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS14, present=0 ],
OBOComponent [ id=EMAPA:16172, name=head somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 633 | | | |
|---------------------------|---|-------------|---------|
| | group=true, start=TS12, end=TS14, present=0], OBOComponent [id=EMAPA:16174, name=somite 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16174 has parents [EMAPA:16172, EMAPA:31169] | | |

| Modified OBOComponent 634 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16960 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16916[hindbrain] TH:00281[rhombomere] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16960, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> | | |

| Modified OBOComponent 634 | | | |
|---------------------------|---|--|---------|
| | | group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16960, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16960 has parents [EMAPA:16916, TH:00281] | | |

| Modified OBOComponent 635 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:16179 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16177[trunk mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16179, name=lateral plate mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31857, name=trunk, | | |

| Modified OBOComponent 635 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16179, name=lateral plate mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16179 has synonyms [lateral mesenchyme] | | |

| Modified OBOComponent 636 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16961 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16960[rhombomere 07] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16960, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16961, name=rhombomere 07 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 636

| | | | |
|-------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16960, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16961, name=rhombomere 07 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16961 has name [floor plate] | | |

Modified OBOComponent 637

| | | | |
|--|--|------|-----------------|
| ID | EMAPA:16177 | Name | Starts At |
| TS12 | Ends At | TS26 | Primary Parents |
| EMAPA:16097[mesenchyme] EMAPA:31857[trunk] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

| Modified OBOComponent 637 | | | |
|---------------------------|---|---|---------|
| | | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16177 has parents [EMAPA:16097, EMAPA:31857] | | |

| Modified OBOComponent 638 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:16178 | Name | Starts At |
| TS12 | Ends At | TS14 | Primary Parents |
| EMAPA:16177[trunk mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16178, name=intermediate mesoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 638 | | | |
|---------------------------|--|-------------|---------|
| | start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16178, name=intermediate mesoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16178 has synonyms [intermediate plate] | | |

| Modified OBOComponent 639 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16941 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16939[rhombomere 04] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16939, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16941, name=rhombomere 04 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

Modified OBOComponent 639

| | | | |
|--|---|-------------|---------|
| statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16939, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16941, name=rhombomere 04 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16941 has name [lateral wall] | | |

Modified OBOComponent 640

| | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16940 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16939[rhombomere 04] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 640 | | | |
|---------------------------|--|-------------|---------|
| | group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16939, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16940, name=rhombomere 04 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16939, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16940, name=rhombomere 04 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16940 has name [floor plate] | | |

| Modified OBOComponent 641 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16943 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16941[rhombomere 04 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 641

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16939, name=rhombomere 04,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ],
OBOComponent [ id=EMAPA:16941, name=rhombomere 04
lateral wall, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ],
OBOComponent [ id=EMAPA:16943, name=rhombomere 04
marginal layer, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00281, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:16939, name=rhombomere 04,
```

| Modified OBOComponent 641 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16941, name=rhombomere 04 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16943, name=rhombomere 04 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16943 has name [marginal layer] | | |

| Modified OBOComponent 642 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16942 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16941[rhombomere 04 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16939, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16941, name=rhombomere 04 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16942, name=rhombomere 04 mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 642

| | | | |
|--------------------|---|--------------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16939, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16941, name=rhombomere 04 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16942, name=rhombomere 04 mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| <i>Rule Status</i> | PASSED | <i>Edit Status</i> | CHANGED |
| <i>Comments</i> | 1. Different Name - Referenced OBOComponent EMAPA:16942 has name [mantle layer] | | |

Modified OBOComponent 643

| | | | |
|----------------------------|--|-------------|------------------------|
| <i>ID</i> | EMAPA:16945 | <i>Name</i> | <i>Starts At</i> |
| TS17 | <i>Ends At</i> | TS17 | <i>Primary Parents</i> |
| EMAPA:16939[rhombomere 04] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Primary Path</i> |
| <i>Alternate Paths</i> | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 643

| | |
|-------------|---|
| | <pre> group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16939, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16945, name=rhombomere 04 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16939, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16945, name=rhombomere 04 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] </pre> |
| Rule Status | <div>PASSED</div> <div>Edit Status</div> <div>CHANGED</div> |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16945 has name [roof plate] |

Modified OBOComponent 644

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

| Modified OBOComponent 644 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16944 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16941[rhombomere 04 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16939, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0],</p> <p>OBOComponent [id=EMAPA:16941, name=rhombomere 04 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0],</p> <p>OBOComponent [id=EMAPA:16944, name=rhombomere 04 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain,</p> | | |

| Modified OBOComponent 644 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16939, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16941, name=rhombomere 04 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16944, name=rhombomere 04 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16944 has name [ventricular layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16944 has synonyms [ependymal layer] | | |

| Modified OBOComponent 645 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16947 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16946[rhombomere 05] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16946, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, | | |

| Modified OBOComponent 645 | | | |
|---------------------------|--|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16947, name=rhombomere 05 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16946, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16947, name=rhombomere 05 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16947 has name [floor plate] | | |

| Modified OBOComponent 646 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16946 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| TH:00281[rhombomere] EMAPA:16916[hindbrain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

Modified OBOComponent 646

| | | | |
|-------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16946, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16946, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16946 has parents [TH:00281, EMAPA:16916] | | |

Modified OBOComponent 647

| | | | |
|------|-------------|------|-----------------|
| ID | EMAPA:16949 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |

| Modified OBOComponent 647 | | |
|---|---|---------------|
| EMAPA:16948[rhombomere 05 lateral wall] | | Group Parents |
| | | Synonyms |
| [] | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16946, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0],</p> <p>OBOComponent [id=EMAPA:16948, name=rhombomere 05 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0],</p> <p>OBOComponent [id=EMAPA:16949, name=rhombomere 05 mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16946, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0],</p> <p>OBOComponent [id=EMAPA:16948, name=rhombomere 05 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0],</p> <p>OBOComponent [id=EMAPA:16949, name=rhombomere 05 mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]]</p> | |

| Modified OBOComponent 647 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16946, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16948, name=rhombomere 05 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16949, name=rhombomere 05 mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16949 has name [mantle layer] | | |

| Modified OBOComponent 648 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16948 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16946[rhombomere 05] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16946, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16948, name=rhombomere 05 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |

Modified OBOComponent 648

| | | | |
|---|--|-------------|---------|
| 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16946, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16948, name=rhombomere 05 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16948 has name [lateral wall] | | |

Modified OBOComponent 649

| | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:16182 | Name | Starts At |
| TS15 | Ends At | TS19 | Primary Parents |
| EMAPA:16177[trunk mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk | | |

| Modified OBOComponent 649 | | | |
|---------------------------|---|-------------|---------|
| | mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16182, name=trunk mesenchyme derived from neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16182, name=trunk mesenchyme derived from neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16182 has name [mesenchyme derived from neural crest] | | |

| Modified OBOComponent 650 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16183 | Name | Starts At |
| TS12 | Ends At | TS19 | Primary Parents |
| TH:00001[paraxial mesenchyme] EMAPA:16177[trunk mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 650 | | | |
|---------------------------|---|-------------|---------|
| | start=TS12, end=TS19, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0]] | | |
| | 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16183 has name [paraxial mesenchyme] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:16183 has parents [TH:00001, EMAPA:16177] | | |

| Modified OBOComponent 651 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16184 | Name | Starts At |
| TS12 | Ends At | TS19 | Primary Parents |
| EMAPA:16183[trunk paraxial mesenchyme] EMAPA:31169[somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 651

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ]]
```

Modified OBOComponent 651

```

4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ]]

```

```

5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ]]

```

| | | | |
|-------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16184 has name [somite] 2. Different Parents - Referenced OBOComponent EMAPA:16184 has parents [EMAPA:16183, EMAPA:31169] | | |

Modified OBOComponent 652

| | | | |
|---------------------------------|-------------|------|-----------------|
| ID | EMAPA:16185 | Name | Starts At |
| TS12 | Ends At | TS17 | Primary Parents |
| EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |

Modified OBOComponent 652

| [] | Primary Path |
|-----------------|---|
| Alternate Paths | <div data-bbox="517 192 1355 927"> <p>1. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16185, name=somite 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS17, present=0]]</pre> </div> <div data-bbox="517 927 1355 1639"> <p>2. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16185, name=somite 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS17, present=0]]</pre> </div> <div data-bbox="517 1639 1355 2130"> <p>3. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED,</pre> </div> |

Modified OBOComponent 652

```
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16185, name=somite 05,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS17, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16185, name=somite 05,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS17, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16185, name=somite 05,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS17, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
```

Modified OBOComponent 652

```

statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16185, name=somite 05,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS17, present=0 ]]

```

```

7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16185, name=somite 05,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS17, present=0 ]]

```

```

8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],

```

| Modified OBOComponent 652 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16185, name=somite 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS17, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16185 has parents [EMAPA:16184, EMAPA:31169] | | |

| Modified OBOComponent 653 | | | |
|---------------------------------|---|------|-----------------|
| ID | EMAPA:16186 | Name | Starts At |
| TS12 | Ends At | TS17 | Primary Parents |
| EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16186, name=somite 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS17, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial | | |

Modified OBOComponent 653

```
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16186, name=somite 06,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS17, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16186, name=somite 06,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS17, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16186, name=somite 06,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS17, present=0 ]]
```

Modified OBOComponent 653

```

5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16186, name=somite 06,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS17, present=0 ]]

```

```

6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16186, name=somite 06,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS17, present=0 ]]

```

```

7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],

```


Modified OBOComponent 653

| | | | |
|---|--|-------------|---------|
| OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16186, name=somite 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS17, present=0] | | | |
| 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16186, name=somite 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS17, present=0] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16186 has parents [EMAPA:16184, EMAPA:31169] | | |

Modified OBOComponent 654

| | | | |
|---------------------------------|---|------|-----------------|
| ID | EMAPA:16187 | Name | Starts At |
| TS12 | Ends At | TS17 | Primary Parents |
| EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

Modified OBOComponent 654

```
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16187, name=somite 07,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS17, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16187, name=somite 07,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS17, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16187, name=somite 07,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS17, present=0 ]]
```

Modified OBOComponent 654

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16187, name=somite 07,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS17, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16187, name=somite 07,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS17, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
```

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```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16187, name=somite 07,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS17, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16187, name=somite 07,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS17, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
```

| Modified OBOComponent 654 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16187, name=somite 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16187 has parents [EMAPA:16184, EMAPA:31169] | | |

| Modified OBOComponent 655 | | | |
|---------------------------------|---|------|-----------------|
| ID | EMAPA:16188 | Name | Starts At |
| TS12 | Ends At | TS17 | Primary Parents |
| EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0],</p> <p>OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0],</p> <p>OBOComponent [id=EMAPA:16188, name=somite 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS17, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0],</p> <p>OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0],</p> <p>OBOComponent [id=EMAPA:16188, name=somite 08,</p> | | |

Modified OBOComponent 655

```
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS17, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=meseenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16188, name=somite 08,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS17, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=meseenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16188, name=somite 08,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS17, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```


Modified OBOComponent 655

```
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16188, name=somite 08,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS17, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16188, name=somite 08,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS17, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
```

| Modified OBOComponent 655 | | | |
|---------------------------|--|--|---------|
| | | namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16188, name=somite 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS17, present=0]] | |
| | | 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16188, name=somite 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS17, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16188 has parents [EMAPA:16184, EMAPA:31169] | | |

| Modified OBOComponent 656 | | | |
|--|---|------|-----------------|
| ID | EMAPA:16189 | Name | Starts At |
| TS12 | Ends At | TS14 | Primary Parents |
| EMAPA:16183[trunk paraxial mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], | | |

Modified OBOComponent 656

| | | | |
|-------------|---|-------------|---------|
| | <p>OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0],</p> <p>OBOComponent [id=EMAPA:16189, name=unsegmented mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0]]</p> <hr/> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0],</p> <p>OBOComponent [id=EMAPA:16189, name=unsegmented mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0]]</p> <hr/> <p>3. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0],</p> <p>OBOComponent [id=EMAPA:16189, name=unsegmented mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0]]</p> <hr/> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16189 has synonyms [presomitic mesenchyme] | | |

| Modified OBOComponent 657 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16950 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16948[rhombomere 05 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16946, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0],</p> <p>OBOComponent [id=EMAPA:16948, name=rhombomere 05 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0],</p> <p>OBOComponent [id=EMAPA:16950, name=rhombomere 05 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> | | |

| Modified OBOComponent 657 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16946, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16948, name=rhombomere 05 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16950, name=rhombomere 05 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16950 has name [marginal layer] | | |

| Modified OBOComponent 658 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:16979 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16976[midbrain lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16974, name=midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16976, name=midbrain lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], | | |

| Modified OBOComponent 658 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16979, name=midbrain ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16979 has name [ventricular layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16979 has synonyms [ependymal layer] | | |

| Modified OBOComponent 659 | | | |
|---|--|------|-----------------|
| ID | EMAPA:30484 | Name | Starts At |
| TS21 | Ends At | TS24 | Primary Parents |
| EMAPA:18680[genital tubercle of female] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28540, name=female associated reproductive structure, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS23, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:18680, name=genital tubercle of female, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS27, present=0],</p> <p>OBOComponent [id=EMAPA:30484, name=distal genital tubercle of female, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS24, present=0]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ,</p> | | |

Modified OBOComponent 659

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statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17381, name=reproductive
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17959, name=female
reproductive system, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:30984, name=female external
genitalia, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS23,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18680, name=genital
tubercle of female, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:30484, name=distal genital
tubercle of female, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS24, present=0 ]]
```

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3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17381, name=reproductive
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17959, name=female
reproductive system, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18680, name=genital
tubercle of female, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:30484, name=distal genital
tubercle of female, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS24, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
```

Modified OBOComponent 659

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17381, name=reproductive
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17959, name=female
reproductive system, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28540, name=female
associated reproductive structure,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:18680, name=genital
tubercle of female, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:30484, name=distal genital
tubercle of female, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS24, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17381, name=reproductive
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17959, name=female
reproductive system, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:30984, name=female external
genitalia, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS23,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18680, name=genital
tubercle of female, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:30484, name=distal genital
tubercle of female, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS24, present=0 ]]
```

Rule Status

PASSED

Edit Status

CHANGED

Comments

1. Different Synonyms - Referenced
OBOComponent EMAPA:30484 has synonyms [glans of female]

| Modified OBOComponent 660 | | | |
|------------------------------------|---|-------------|-----------------|
| ID | EMAPA:16978 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16976[midbrain lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16974, name=midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16976, name=midbrain lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16978, name=midbrain marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16978 has name [marginal layer] | | |

| Modified OBOComponent 661 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:16977 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16976[midbrain lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 661 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16974, name=midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16976, name=midbrain lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16977, name=midbrain mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16977 has name [mantle layer] | | |

| Modified OBOComponent 662 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:16976 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16974[midbrain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16974, name=midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], | | |

| Modified OBOComponent 662 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16976, name=midbrain lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16976 has name [lateral wall] | | |

| Modified OBOComponent 663 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17677 | Name | Starts At |
| TS18 | Ends At | TS20 | Primary Parents |
| EMAPA:17676[axial skeleton sacral region] TH:00031[vertebral pre-cartilage condensation] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00031, name=vertebral pre- cartilage condensation, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17677, name=sacral vertebral pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0]]</pre> <p>2. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal</pre> | | |

Modified OBOComponent 663

```
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17676, name=axial skeleton
sacral region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17677, name=sacral
vertebral pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS20, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00031, name=vertebral pre-
cartilage condensation, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17677, name=sacral
vertebral pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS20, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17676, name=axial skeleton
sacral region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17677, name=sacral
vertebral pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
```


| Modified OBOComponent 663 | | | |
|---------------------------|---|--|---------|
| | | newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17677 has name [vertebral pre-cartilage condensation] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17677 has parents [EMAPA:17676, TH:00031] | | |

| Modified OBOComponent 664 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:16975 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16974[midbrain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16974, name=midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16975, name=midbrain floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16975 has name [floor plate] | | |

| Modified OBOComponent 665 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:16974 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16894[brain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

| Modified OBOComponent 665 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16974, name=midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16974 has synonyms [mesencephalon] | | |

| Modified OBOComponent 666 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17679 | Name | Starts At |
| TS18 | Ends At | TS22 | Primary Parents |
| EMAPA:17396[axial skeleton thoracic region] TH:00030[vertebral cartilage condensation] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00030, name=vertebral cartilage condensation, statusChange=NEW, | | |

Modified OBOComponent 666

```
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17679, name=thoracic
vertebral cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS22, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17396, name=axial skeleton
thoracic region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS16, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17679, name=thoracic
vertebral cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00030, name=vertebral
cartilage condensation, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17679, name=thoracic
vertebral cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
```

| Modified OBOComponent 666 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17396, name=axial skeleton thoracic region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:17679, name=thoracic vertebral cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS22, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17679 has name [vertebral cartilage condensation] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17679 has parents [EMAPA:17396, TH:00030] | | |

| Modified OBOComponent 667 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16973 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16967[rhombomere 08] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, | | |

| Modified OBOComponent 667 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16967, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16973, name=rhombomere 08 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16967, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16973, name=rhombomere 08 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16973 has name [roof plate] | | |

| Modified OBOComponent 668 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:16148 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16089[future brain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

| Modified OBOComponent 668 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16148 has synonyms [future hindbrain] | | |

| Modified OBOComponent 669 | | | |
|--------------------------------------|--|------|-----------------|
| ID | EMAPA:16150 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16149[anterior pro-rhombomere] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16149, name=anterior pro-rhombomere, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16150, name=anterior pro- | | |

| Modified OBOComponent 669 | | | |
|---------------------------|---|-------------|---------|
| | rhombomere floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16150 has name [floor plate] | | |

| Modified OBOComponent 670 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:16982 | Name | Starts At |
| TS17 | Ends At | TS19 | Primary Parents |
| EMAPA:16659[cranial ganglion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16982, name=acoustic VIII ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS19, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> | | |

| Modified OBOComponent 670 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=TH:00269, name=ganglion, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16982, name=acoustic VIII ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS19, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16982 has name [acoustic ganglion VIII] | | |

| Modified OBOComponent 671 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:16983 | Name | Starts At |
| TS17 | Ends At | TS19 | Primary Parents |
| EMAPA:16659[cranial ganglion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16983, name=facial VII ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS19, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 671 | | | |
|---------------------------|--|-------------|---------|
| | group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00269, name=ganglion, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16983, name=facial VII ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16983 has name [facial ganglion VII] | | |

| Modified OBOComponent 672 | | | |
|---------------------------------------|---|------|-----------------|
| ID | EMAPA:16158 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16157[posterior pro-rhombomere] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16157, name=posterior pro- rhombomere, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 672 | | | |
|---------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16158, name=posterior pro-rhombomere floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16158 has name [floor plate] | | |

| Modified OBOComponent 673 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:17684 | Name | Starts At |
| TS20 | Ends At | TS22 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17684, name=somite 49, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> | | |

Modified OBOComponent 673

```
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17684, name=somite 49,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17684, name=somite 49,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17684, name=somite 49,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS22, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
```

Modified OBOComponent 673

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17684, name=somite 49,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS22, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17684, name=somite 49,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS22, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
```


| Modified OBOComponent 673 | | | |
|---------------------------|--|--|---------|
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17684, name=somite 49, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0]] | |
| | | 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17684, name=somite 49, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17684 has parents [EMAPA:16860, EMAPA:31169] | | |

| Modified OBOComponent 674 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:16980 | Name | Starts At |
| TS17 | Ends At | TS20 | Primary Parents |
| EMAPA:16974[midbrain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], | | |

| Modified OBOComponent 674 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16974, name=midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16980, name=mesencephalic vesicle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16980 has synonyms [cerebral aqueduct] | | |

| Modified OBOComponent 675 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:16155 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16153[early hindbrain neural ectoderm] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16153, name=early hindbrain neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16155, name=early hindbrain neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16155 has name [neural fold] | | |

| Modified OBOComponent 676 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:16981 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16974[midbrain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16974, name=midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16981, name=midbrain roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16981 has name [roof plate] | | |

| Modified OBOComponent 677 | | | |
|--|--|------|-----------------|
| ID | EMAPA:16156 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16155[early hindbrain neural fold] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], | | |

| Modified OBOComponent 677 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16153, name=early hindbrain neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16155, name=early hindbrain neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16156, name=early hindbrain neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16156 has name [neural crest] | | |

| Modified OBOComponent 678 | | | |
|--|--|------|-----------------|
| ID | EMAPA:16154 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16153[early hindbrain neural ectoderm] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16153, name=early hindbrain neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 678 | | | |
|---------------------------|--|-------------|---------|
| | start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16154, name=early hindbrain floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16154 has name [floor plate] | | |

| Modified OBOComponent 679 | | | |
|--------------------------------------|---|-------------|-----------------|
| ID | EMAPA:16151 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16149[anterior pro-rhombomere] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16149, name=anterior pro-rhombomere, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16151, name=anterior pro-rhombomere neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16151 has name [neural fold] | | |

| Modified OBOComponent 680 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:17683 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17682[temporal bone] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

Modified OBOComponent 680

| | | | |
|-----------------|--|-------------|---------|
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17681, name=chondrocranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17682, name=temporal bone, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17683, name=temporal bone petrous part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17681, name=chondrocranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17682, name=temporal bone, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17683, name=temporal bone petrous part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]</p> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | <p>1. Different Name - Referenced OBOComponent EMAPA:17683 has name [petrous part]</p> | | |

| | |
|----------------------------------|---|
| Modified OBOComponent 680 | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17683 has synonyms [non-squamous part temporal bone] |

| | | | |
|--|---|--------------------|------------------------|
| Modified OBOComponent 681 | | | |
| <i>ID</i> | EMAPA:16152 | <i>Name</i> | <i>Starts At</i> |
| TS12 | <i>Ends At</i> | TS13 | <i>Primary Parents</i> |
| EMAPA:16151[anterior pro-rhombomere neural fold] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Primary Path</i> |
| <i>Alternate Paths</i> | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16149, name=anterior pro-rhombomere, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16151, name=anterior pro-rhombomere neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16152, name=anterior pro-rhombomere neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0]] | | |
| <i>Rule Status</i> | PASSED | <i>Edit Status</i> | CHANGED |
| <i>Comments</i> | 1. Different Name - Referenced OBOComponent EMAPA:16152 has name [neural crest] | | |

| | | | |
|---|----------------|-------------|------------------------|
| Modified OBOComponent 682 | | | |
| <i>ID</i> | EMAPA:16967 | <i>Name</i> | <i>Starts At</i> |
| TS17 | <i>Ends At</i> | TS17 | <i>Primary Parents</i> |
| TH:00281[rhombomere] EMAPA:16916[hindbrain] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Primary Path</i> |
| <i>Alternate Paths</i> | 1. [| | |

Modified OBOComponent 682

| | |
|-------------|---|
| | <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16967, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:16967, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]]</p> |
| Rule Status | <div>PASSED</div> <div>Edit Status</div> <div>CHANGED</div> |
| Comments | <p>1. Different Parents - Referenced</p> <p>OBOComponent EMAPA:16967 has parents [TH:00281,</p> |

Modified OBOComponent 682

EMAPA:16916]

Modified OBOComponent 683

| | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:16966 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16960[rhombomere 07] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

Alternate Paths

1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16960, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16966, name=rhombomere 07 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]]

2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],

| Modified OBOComponent 683 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16960, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16966, name=rhombomere 07 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16966 has name [roof plate] | | |

| Modified OBOComponent 684 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16969 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16967[rhombomere 08] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16967, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16969, name=rhombomere 08 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |

Modified OBOComponent 684

| | | | |
|--|---|-------------|---------|
| 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16967, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16969, name=rhombomere 08 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16969 has name [lateral wall] | | |

Modified OBOComponent 685

| | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16968 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16967[rhombomere 08] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, | | |

Modified OBOComponent 685

| | | | |
|-------------|---|-------------|---------|
| | <div>statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16967, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16968, name=rhombomere 08 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]]</div> <div>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16967, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16968, name=rhombomere 08 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]]</div> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16968 has name [floor plate] | | |

Modified OBOComponent 686

| | | | |
|----|-------------|------|-----------|
| ID | EMAPA:29307 | Name | Starts At |
| | | | |

| Modified OBOComponent 686 | | | |
|---------------------------------------|---|-------------|-----------------|
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:17968[male reproductive system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:29307, name=male inguinal ring, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:29307 has name [inguinal ring] | | |

| Modified OBOComponent 687 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16963 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16962[rhombomere 07 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, | | |

Modified OBOComponent 687

| | |
|-------------|---|
| | <p>dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16960, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16962, name=rhombomere 07 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16963, name=rhombomere 07 mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]]</p> |
| | <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16960, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16962, name=rhombomere 07 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16963, name=rhombomere 07 mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]]</p> |
| Rule Status | <div>PASSED</div> <div>Edit Status</div> <div>CHANGED</div> |
| Comments | <p>1. Different Name - Referenced OBOComponent EMAPA:16963 has name [mantle layer]</p> |

| Modified OBOComponent 688 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16962 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16960[rhombomere 07] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16960, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0],</p> <p>OBOComponent [id=EMAPA:16962, name=rhombomere 07 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain,</p> | | |

| Modified OBOComponent 688 | | | |
|---------------------------|--|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16960, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16962, name=rhombomere 07 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16962 has name [lateral wall] | | |

| Modified OBOComponent 689 | | | |
|---------------------------------------|--|-------------|-----------------|
| ID | EMAPA:16159 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16157[posterior pro-rhombomere] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16157, name=posterior pro-rhombomere, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16159, name=posterior pro-rhombomere neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16159 has name [neural fold] | | |

| Modified OBOComponent 690 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16965 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16962[rhombomere 07 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16960, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0],</p> <p>OBOComponent [id=EMAPA:16962, name=rhombomere 07 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0],</p> <p>OBOComponent [id=EMAPA:16965, name=rhombomere 07 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> | | |

| Modified OBOComponent 690 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16960, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16962, name=rhombomere 07 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16965, name=rhombomere 07 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16965 has name [ventricular layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16965 has synonyms [ependymal layer] | | |

| Modified OBOComponent 691 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:17688 | Name | Starts At |
| TS20 | Ends At | TS22 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17688, name=somite 50, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 691

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17688, name=somite 50,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17688, name=somite 50,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
```

Modified OBOComponent 691

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17688, name=somite 50,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS22, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17688, name=somite 50,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS22, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17688, name=somite 50,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS22, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
```

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| | | | |
|---|--|-------------|---------|
| OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17688, name=somite 50, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0] | | | |
| 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17688, name=somite 50, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17688 has parents [EMAPA:16860, EMAPA:31169] | | |

Modified OBOComponent 692

| | | | |
|---|-------------|------|-----------------|
| ID | EMAPA:16964 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16962[rhombomere 07 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

Modified OBOComponent 692

Alternate Paths

```
1. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16960, name=rhombomere 07,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ],
OBOComponent [ id=EMAPA:16962, name=rhombomere 07
lateral wall, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ],
OBOComponent [ id=EMAPA:16964, name=rhombomere 07
marginal layer, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS17, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00281, name=rhombomere,
```

| Modified OBOComponent 692 | | | |
|---------------------------|---|---|---------|
| | | statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16960, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16962, name=rhombomere 07 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16964, name=rhombomere 07 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16964 has name [marginal layer] | | |

| Modified OBOComponent 693 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16160 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16159[posterior pro-rhombomere neural fold] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16157, name=posterior pro-rhombomere, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16159, name=posterior pro-rhombomere neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16160, name=posterior pro-rhombomere neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0]] | | |
| | | | |

| Modified OBOComponent 693 | | | |
|---------------------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16160 has name [neural crest] | | |

| Modified OBOComponent 694 | | | |
|---------------------------------|--|-------------|-----------------|
| ID | EMAPA:29313 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:29307[male inguinal ring] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=mael reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:29307, name=male inguinal ring, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:29313, name=mael internal inguinal ring, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:29313 has name [internal inguinal ring] | | |

| Modified OBOComponent 695 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:16166 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16164[neural tube] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 695 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16092, name=future spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16164, name=neural tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16166, name=future spinal cord lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16166 has name [lateral wall] | | |

| Modified OBOComponent 696 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16970 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16969[rhombomere 08 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16967, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 696 | | | |
|---------------------------|--|-------------|---------|
| | start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16969, name=rhombomere 08 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16970, name=rhombomere 08 mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16967, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16969, name=rhombomere 08 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16970, name=rhombomere 08 mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16970 has name [mantle layer] | | |

| Modified OBOComponent 697 | | | |
|---------------------------|-------------|------|-----------------|
| ID | EMAPA:16167 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16164[neural tube] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [| | |

| Modified OBOComponent 697 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16092, name=future spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16164, name=neural tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16167, name=future spinal cord neural lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16167 has name [neural lumen] | | |

| Modified OBOComponent 698 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16971 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16969[rhombomere 08 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, | | |

| Modified OBOComponent 698 | | | |
|---------------------------|--|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16967, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16969, name=rhombomere 08 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16971, name=rhombomere 08 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16967, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16969, name=rhombomere 08 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16971, name=rhombomere 08 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16971 has name [marginal layer] | | |

| Modified OBOComponent 699 | | | |
|---------------------------|-------------|------|-----------------|
| ID | EMAPA:16168 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16164[neural tube] | | | Group Parents |

| Modified OBOComponent 699 | | | |
|---------------------------|---|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16092, name=future spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16164, name=neural tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16168, name=future spinal cord roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16168 has name [roof plate] | | |

| Modified OBOComponent 700 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:17696 | Name | Starts At |
| TS20 | Ends At | TS22 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, | | |

Modified OBOComponent 700

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17696, name=somite 52,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS22, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=messenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17696, name=somite 52,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=messenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17696, name=somite 52,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=messenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
```


Modified OBOComponent 700

```
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17696, name=somite 52,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS22, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17696, name=somite 52,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS22, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
```

Modified OBOComponent 700

| | | | |
|---|--|-------------|---------|
| <p>OBOComponent [id=EMAPA:17696, name=somite 52, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0]]</p> | | | |
| <p>7. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17696, name=somite 52, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0]]</p> | | | |
| <p>8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17696, name=somite 52, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0]]</p> | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | <p>1. Different Parents - Referenced OBOComponent EMAPA:17696 has parents [EMAPA:16860, EMAPA:31169]</p> | | |

| Modified OBOComponent 701 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16972 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16969[rhombomere 08 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16967, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16969, name=rhombomere 08 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16972, name=rhombomere 08 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0] </pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], </pre> <p>]</p> | | |

| Modified OBOComponent 701 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16967, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16969, name=rhombomere 08 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0], OBOComponent [id=EMAPA:16972, name=rhombomere 08 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16972 has name [ventricular layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16972 has synonyms [ependymal layer] | | |

| Modified OBOComponent 702 | | | |
|------------------------------|---|------|-----------------|
| ID | EMAPA:16169 | Name | Starts At |
| TS12 | Ends At | TS19 | Primary Parents |
| EMAPA:16098[head mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16098, name=head mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16169, name=head mesenchyme derived from neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 702 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31858, name=head, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16098, name=head mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16169, name=head mesenchyme derived from neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16169 has name [mesenchyme derived from neural crest] | | |

| Modified OBOComponent 703 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:16162 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16095[neural plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16092, name=future spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16095, name=neural plate, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16162, name=future spinal cord neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16162 has name [neural fold] | | |

| |
|--|
| |
|--|

| Modified OBOComponent 704 | | | |
|---------------------------------|---|-------------|-----------------|
| ID | EMAPA:29310 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:29307[male inguinal ring] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:29307, name=male inguinal ring, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:29310, name=male external inguinal ring, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:29310 has name [external inguinal ring] | | |

| Modified OBOComponent 705 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16163 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16162[future spinal cord neural fold] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false,] | | |

| Modified OBOComponent 705 | | | |
|---------------------------|---|-------------|---------|
| | start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16092, name=future spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16095, name=neural plate, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16162, name=future spinal cord neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16163, name=future spinal cord neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16163 has name [neural crest] | | |

| Modified OBOComponent 706 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:17692 | Name | Starts At |
| TS20 | Ends At | TS22 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17692, name=somite 51, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 706

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group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17692, name=somite 51,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17692, name=somite 51,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17692, name=somite 51,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

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start=TS20, end=TS22, present=0 ]]
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5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17692, name=somite 51,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS22, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17692, name=somite 51,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS22, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
```

| Modified OBOComponent 706 | | | |
|---------------------------|---|--|---------|
| | | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17692, name=somite 51, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0]] | |
| | | 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17692, name=somite 51, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17692 has parents [EMAPA:16860, EMAPA:31169] | | |

| Modified OBOComponent 707 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:16165 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16164[neural tube] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 707 | | | |
|---------------------------|--|-------------|---------|
| | group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16092, name=future spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16164, name=neural tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16165, name=future spinal cord floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16165 has name [floor plate] | | |

| Modified OBOComponent 708 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:16997 | Name | Starts At |
| TS17 | Ends At | TS18 | Primary Parents |
| EMAPA:16669[otocyst] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16669, name=otocyst, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], | | |

| Modified OBOComponent 708 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16997, name=otocyst other part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16997 has name [other part] | | |

| Modified OBOComponent 709 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17656 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17653[left lung] TH:00053[lobar bronchus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00053, name=lobar bronchus, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17656, name=left lung lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16727, name=respiratory</p> | | |

| Modified OBOComponent 709 | | | |
|---------------------------|---|-------------|---------|
| | system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17653, name=left lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17656, name=left lung lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17656 has name [lobar bronchus] 2. Different Parents - Referenced OBOComponent EMAPA:17656 has parents [EMAPA:17653, TH:00053] | | |

| Modified OBOComponent 710 | | | |
|---------------------------------|---|-------------|-----------------|
| ID | EMAPA:16998 | Name | Starts At |
| TS17 | Ends At | TS18 | Primary Parents |
| EMAPA:16997[otocyst other part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16669, name=otocyst, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16997, name=otocyst other part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16998, name=otocyst other part associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent | | |

| | |
|----------------------------------|--|
| Modified OBOComponent 710 | |
| | EMAPA:16998 has name [associated mesenchyme] |

| | | | |
|----------------------------------|---|-------------|-----------------|
| Modified OBOComponent 711 | | | |
| ID | EMAPA:17655 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17653[left lung] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17653, name=left lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17655, name=left lung epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17655 has name [epithelium] | | |

| | | | |
|--------------------------------------|--|------|-----------------|
| Modified OBOComponent 712 | | | |
| ID | EMAPA:16995 | Name | Starts At |
| TS17 | Ends At | TS18 | Primary Parents |
| EMAPA:16994[endolymphatic appendage] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 712 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16669, name=otocyst, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16994, name=endolymphatic appendage, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16995, name=endolymphatic appendage associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16995 has name [associated mesenchyme] | | |

| Modified OBOComponent 713 | | | |
|---------------------------------------|--|------|-----------------|
| ID | EMAPA:17658 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17656[left lung lobar bronchus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00053, name=lobar bronchus, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0],] | | |

| Modified OBOComponent 713 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:17656, name=left lung lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17658, name=left lung lobar bronchus epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17653, name=left lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17656, name=left lung lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17658, name=left lung lobar bronchus epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17658 has name [epithelium] | | |

| Modified OBOComponent 714 | | | |
|--------------------------------------|---|------|-----------------|
| ID | EMAPA:16996 | Name | Starts At |
| TS17 | Ends At | TS18 | Primary Parents |
| EMAPA:16994[endolymphatic appendage] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 714 | | | |
|---------------------------|--|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16669, name=otocyst, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16994, name=endolymphatic appendage, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16996, name=endolymphatic appendage epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16996 has name [epithelium] | | |

| Modified OBOComponent 715 | | | |
|---------------------------------------|--|------|-----------------|
| ID | EMAPA:17657 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17656[left lung lobar bronchus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00053, name=lobar bronchus, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17656, name=left lung lobar | | |

| Modified OBOComponent 715 | | | |
|---------------------------|---|-------------|---------|
| | bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17657, name=left lung lobar bronchus associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17653, name=left lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17656, name=left lung lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17657, name=left lung lobar bronchus associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17657 has name [associated mesenchyme] | | |

| Modified OBOComponent 716 | | | |
|---------------------------------------|---|------|-----------------|
| ID | EMAPA:17659 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17656[left lung lobar bronchus] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

Modified OBOComponent 716

| | |
|-------------|--|
| | <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00053, name=lobar bronchus, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17656, name=left lung lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17659, name=left lung lobar bronchus vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17653, name=left lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17656, name=left lung lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17659, name=left lung lobar bronchus vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]</p> |
| Rule Status | <div>PASSED</div> <div>Edit Status</div> <div>CHANGED</div> |
| Comments | <p>1. Different Name - Referenced OBOComponent EMAPA:17659 has name [vascular element]</p> |

Modified OBOComponent 717

| ID | EMAPA:16999 | Name | Starts At |
|----|-------------|------|-----------|
| | | | |

| Modified OBOComponent 717 | | | |
|---------------------------------|---|-------------|-----------------|
| TS17 | Ends At | TS18 | Primary Parents |
| EMAPA:16997[otocyst other part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16669, name=otocyst, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16997, name=otocyst other part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16999, name=otocyst other part epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16999 has name [epithelium] | | |

| Modified OBOComponent 718 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:17660 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17653[left lung] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 718 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17653, name=left lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17660, name=left lung vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17660 has name [vascular element] | | |

| Modified OBOComponent 719 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:17662 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17661[right lung] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17662, name=right lung associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent | | |

| | |
|----------------------------------|--|
| Modified OBOComponent 719 | |
| | EMAPA:17662 has name [associated mesenchyme] |

| | | | |
|----------------------------------|---|-------------|-----------------|
| Modified OBOComponent 720 | | | |
| ID | EMAPA:17663 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17661[right lung] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17663, name=right lung epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17663 has name [epithelium] | | |

| | | | |
|--|--|------|-----------------|
| Modified OBOComponent 721 | | | |
| ID | EMAPA:17664 | Name | Starts At |
| TS20 | Ends At | TS20 | Primary Parents |
| TH:00053[lobar bronchus] EMAPA:17661[right lung] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

Modified OBOComponent 721

| | |
|-------------|--|
| | <p>dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00053, name=lobar bronchus, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17664, name=right lung lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17664, name=right lung lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0]]</p> |
| Rule Status | <div>PASSED</div> <div>Edit Status</div> <div>CHANGED</div> |
| Comments | <p>1. Different Name - Referenced OBOComponent EMAPA:17664 has name [lobar bronchus]</p> <p>2. Different Parents - Referenced OBOComponent EMAPA:17664 has parents [TH:00053, EMAPA:17661]</p> |

Modified OBOComponent 722

| | | | |
|------|-------------|------|-----------------|
| ID | EMAPA:17665 | Name | Starts At |
| TS20 | Ends At | TS20 | Primary Parents |
| | | | |

| | | |
|--|---|---------------|
| Modified OBOComponent 722 | | |
| EMAPA:17664[right lung lobar bronchus] | | Group Parents |
| | | Synonyms |
| [] | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00053, name=lobar bronchus, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17664, name=right lung lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0], OBOComponent [id=EMAPA:17665, name=right lung lobar bronchus associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0]] </pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], </pre> <p>]</p> | |

| Modified OBOComponent 722 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:17664, name=right lung lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0], OBOComponent [id=EMAPA:17665, name=right lung lobar bronchus associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17665 has name [associated mesenchyme] | | |

| Modified OBOComponent 723 | | | |
|---|--|------|-----------------|
| ID | EMAPA:30478 | Name | Starts At |
| TS21 | Ends At | TS24 | Primary Parents |
| EMAPA:18680[genital tubercle of female] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:28540, name=female associated reproductive structure, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:18680, name=genital tubercle of female, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS27, present=0], OBOComponent [id=EMAPA:30478, name=preputial swelling of female, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS24, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 723

```
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17381, name=reproductive
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17959, name=female
reproductive system, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:30984, name=female external
genitalia, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS23,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18680, name=genital
tubercle of female, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:30478, name=preputial
swelling of female, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS24, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17381, name=reproductive
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17959, name=female
reproductive system, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18680, name=genital
tubercle of female, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:30478, name=preputial
swelling of female, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS24, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 723

```
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17381, name=reproductive
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17959, name=female
reproductive system, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28540, name=female
associated reproductive structure,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:18680, name=genital
tubercle of female, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:30478, name=preputial
swelling of female, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS24, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17381, name=reproductive
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17959, name=female
reproductive system, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:30984, name=female external
genitalia, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS23,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18680, name=genital
tubercle of female, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:30478, name=preputial
swelling of female, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS24, present=0 ]]
```

| | | | |
|-------------|------------------------------------|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced | | |

| Modified OBOComponent 723 | |
|---------------------------|---|
| | OBOComponent EMAPA:30478 has synonyms [prepuce of female] |

| Modified OBOComponent 724 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:28601 | Name | Starts At |
| TS22 | Ends At | TS28 | Primary Parents |
| EMAPA:18321[bladder] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:18321, name=bladder, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28601, name=urothelium of bladder, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:28601 has synonyms [epithelium of bladder] | | |

| Modified OBOComponent 725 | | | |
|--|--|------|-----------------|
| ID | EMAPA:16984 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16665[peripheral nervous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, | | |

| Modified OBOComponent 725 | | | |
|---------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16984, name=autonomic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16984 has name [autonomic] | | |

| Modified OBOComponent 726 | | | |
|--------------------------------|---|-------------|-----------------|
| ID | EMAPA:17669 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:16737[respiratory tract] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16737, name=respiratory tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17669, name=upper respiratory tract, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17669 has name [upper] | | |

| Modified OBOComponent 727 | | | |
|---------------------------|-------------|------|-----------------|
| ID | EMAPA:16985 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| | | | |

| Modified OBOComponent 727 | | | |
|---------------------------------------|---|---------------|---------|
| EMAPA:16984[autonomic nervous system] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16984, name=autonomic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16985, name=sympathetic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16985 has name [sympathetic] | | |

| Modified OBOComponent 728 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:17668 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17661[right lung] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 728 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17668, name=right lung vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17668 has name [vascular element] | | |

| Modified OBOComponent 729 | | | |
|---|--|-------------|-----------------|
| ID | EMAPA:16986 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16985[sympathetic nervous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16984, name=autonomic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16985, name=sympathetic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16986, name=nerve trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16986 has synonyms [nerve chain] | | |

| Modified OBOComponent 730 | | | |
|---------------------------|--|--|--|
| | | | |

| Modified OBOComponent 730 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17667 | Name | Starts At |
| TS20 | Ends At | TS20 | Primary Parents |
| EMAPA:17664[right lung lobar bronchus] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00053, name=lobar bronchus, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17664, name=right lung lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0],</p> <p>OBOComponent [id=EMAPA:17667, name=right lung lobar bronchus vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17661, name=right lung,</p> | | |

| Modified OBOComponent 730 | | | |
|---------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17664, name=right lung lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0], OBOComponent [id=EMAPA:17667, name=right lung lobar bronchus vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17667 has name [vascular element] | | |

| Modified OBOComponent 731 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:16987 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16666[spinal] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16666, name=spinal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16987, name=spinal nerve plexus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16987 has name [nerve plexus] | | |

| Modified OBOComponent 732 | | | |
|--|-------------|------|-----------------|
| ID | EMAPA:17666 | Name | Starts At |
| TS20 | Ends At | TS20 | Primary Parents |
| EMAPA:17664[right lung lobar bronchus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

Modified OBOComponent 732

Alternate Paths

```
1. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16727, name=respiratory
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16728, name=lung,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00053, name=lobar bronchus,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17664, name=right lung
lobar bronchus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS20, present=0 ],
OBOComponent [ id=EMAPA:17666, name=right lung
lobar bronchus epithelium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS20, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16727, name=respiratory
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16728, name=lung,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17661, name=right lung,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17664, name=right lung
lobar bronchus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS20, present=0 ],
```

| Modified OBOComponent 732 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:17666, name=right lung lobar bronchus epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17666 has name [epithelium] | | |

| Modified OBOComponent 733 | | | |
|-------------------------------------|--|------|-----------------|
| ID | EMAPA:16989 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| TH:00270[nerve] EMAPA:16666[spinal] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00270, name=nerve, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16989, name=spinal nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16666, name=spinal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> | | |

| Modified OBOComponent 733 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16989, name=spinal nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16989 has name [nerve] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:16989 has parents [TH:00270, EMAPA:16666] | | |

| Modified OBOComponent 734 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:17671 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17670[nasopharynx] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16737, name=respiratory tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17669, name=upper respiratory tract, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17670, name=nasopharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17671, name=nasopharynx associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17671 has name [associated mesenchyme] | | |

| Modified OBOComponent 735 | | | |
|---------------------------|-------------|------|-----------------|
| ID | EMAPA:17672 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |

| | | | |
|---------------------------|---|---------------|---------|
| Modified OBOComponent 735 | | | |
| EMAPA:17670[nasopharynx] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16737, name=respiratory tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17669, name=upper respiratory tract, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17670, name=nasopharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17672, name=nasopharynx epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17672 has name [epithelium] | | |

| Modified OBOComponent 736 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:16992 | Name | Starts At |
| TS17 | Ends At | TS18 | Primary Parents |
| EMAPA:16991[external ear] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 736 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16991, name=external ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16992, name=external ear branchial membrane, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16992 has name [branchial membrane] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16992 has synonyms [future tympanic membrane] | | |

| Modified OBOComponent 737 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17675 | Name | Starts At |
| TS19 | Ends At | TS23 | Primary Parents |
| EMAPA:17393[axial skeleton lumbar region] TH:00030[vertebral cartilage condensation] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00030, name=vertebral cartilage condensation, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17675, name=lumbar vertebral cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS23, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

Modified OBOComponent 737

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statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17393, name=axial skeleton
lumbar region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17675, name=lumbar
vertebral cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS23, present=0 ]]

```

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3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00030, name=vertebral
cartilage condensation, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17675, name=lumbar
vertebral cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS23, present=0 ]]

```

```

4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],

```

| Modified OBOComponent 737 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17393, name=axial skeleton lumbar region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17675, name=lumbar vertebral cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17675 has name [vertebral cartilage condensation] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17675 has parents [EMAPA:17393, TH:00030] | | |

| Modified OBOComponent 738 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:17676 | Name | Starts At |
| TS18 | Ends At | TS26 | Primary Parents |
| EMAPA:17214[axial skeleton] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17676, name=axial skeleton sacral region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 738 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17676, name=axial skeleton sacral region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17676 has name [sacral region] | | |

| Modified OBOComponent 739 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:16994 | Name | Starts At |
| TS17 | Ends At | TS18 | Primary Parents |
| EMAPA:16669[otocyst] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16669, name=otocyst, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16994, name=endolymphatic appendage, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16994 has synonyms [diverticulum] | | |

| Modified OBOComponent 740 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:17673 | Name | Starts At |
| TS20 | Ends At | TS22 | Primary Parents |
| EMAPA:17670[nasopharynx] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16737, name=respiratory tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17669, name=upper respiratory tract, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17670, name=nasopharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17673, name=nasopharynx vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17673 has name [vascular element] | | |

| Modified OBOComponent 741 | | | |
|--|--|------|-----------------|
| ID | EMAPA:16993 | Name | Starts At |
| TS17 | Ends At | TS18 | Primary Parents |
| EMAPA:16992[external ear branchial membrane] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 741 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16991, name=external ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16992, name=external ear branchial membrane, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:16993, name=branchial membrane epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16993 has name [epithelium] | | |

| Modified OBOComponent 742 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17674 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17215[axial skeleton cervical region] TH:00028[vertebra] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00028, name=vertebra, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:17674, name=cervical vertebra, statusChange=CHANGED, statusRule=PASSED, | | |

Modified OBOComponent 742

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dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17215, name=axial skeleton
cervical region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17674, name=cervical
vertebra, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00028, name=vertebra,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17674, name=cervical
vertebra, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
```

| Modified OBOComponent 742 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17215, name=axial skeleton cervical region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17674, name=cervical vertebra, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17674 has name [vertebra] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17674 has parents [EMAPA:17215, TH:00028] | | |

| Modified OBOComponent 743 | | | |
|--------------------------------|--|-------------|-----------------|
| ID | EMAPA:17638 | Name | Starts At |
| TS20 | Ends At | TS20 | Primary Parents |
| EMAPA:17359[maxillary process] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17359, name=maxillary process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS20, present=0], OBOComponent [id=EMAPA:17638, name=maxillary process skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent | | |

| | |
|----------------------------------|---------------------------------|
| Modified OBOComponent 743 | |
| | EMAPA:17638 has name [skeleton] |

| | | | |
|----------------------------------|---|-------------|-----------------|
| Modified OBOComponent 744 | | | |
| ID | EMAPA:17637 | Name | Starts At |
| TS20 | Ends At | TS20 | Primary Parents |
| EMAPA:17359[maxillary process] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17359, name=maxillary process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS20, present=0], OBOComponent [id=EMAPA:17637, name=maxillary process epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17637 has name [epithelium] | | |

| | | | |
|-------------------------------------|--|------|-----------------|
| Modified OBOComponent 745 | | | |
| ID | EMAPA:17634 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17631[stomach pyloric region] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 745 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17631, name=stomach pyloric region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:17634, name=stomach pyloric region vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17634 has name [vascular element] | | |

| Modified OBOComponent 746 | | | |
|-------------------------------------|---|------|-----------------|
| ID | EMAPA:17633 | Name | Starts At |
| TS20 | Ends At | TS22 | Primary Parents |
| EMAPA:17631[stomach pyloric region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], | | |

| Modified OBOComponent 746 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17631, name=stomach pyloric region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:17633, name=stomach pyloric region epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17633 has name [epithelium] | | |

| Modified OBOComponent 747 | | | |
|----------------------------------|---|-------------|-----------------|
| ID | EMAPA:17636 | Name | Starts At |
| TS20 | Ends At | TS20 | Primary Parents |
| EMAPA:17356[mandible primordium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17355, name=mandibular process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS20, present=0], OBOComponent [id=EMAPA:17356, name=mandible primordium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS20, present=0], OBOComponent [id=EMAPA:17636, name=mandible primordium alveolar sulcus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17636 has name [alveolar sulcus] | | |

| Modified OBOComponent 748 | | | |
|--------------------------------|--|-------------|-----------------|
| ID | EMAPA:17640 | Name | Starts At |
| TS20 | Ends At | TS20 | Primary Parents |
| EMAPA:17359[maxillary process] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17359, name=maxillary process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS20, present=0], OBOComponent [id=EMAPA:17640, name=maxillary process alveolar sulcus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17640 has name [alveolar sulcus] | | |

| Modified OBOComponent 749 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:17642 | Name | Starts At |
| TS20 | Ends At | TS20 | Primary Parents |
| EMAPA:17641[premaxilla] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 749 | | | |
|---------------------------|--|-------------|---------|
| | group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17359, name=maxillary process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS20, present=0], OBOComponent [id=EMAPA:17641, name=premaxilla, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0], OBOComponent [id=EMAPA:17642, name=primary palate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17642 has synonyms [intermaxillary segment] | | |

| Modified OBOComponent 750 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:16199 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16198[eye] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16199, name=optic sulcus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16199 has synonyms [optic evagination] | | |

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| Modified OBOComponent 751 | | | |
|-----------------------------|--|-------------|-----------------|
| ID | EMAPA:17643 | Name | Starts At |
| TS20 | Ends At | TS20 | Primary Parents |
| EMAPA:17642[primary palate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17359, name=maxillary process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS20, present=0], OBOComponent [id=EMAPA:17641, name=premaxilla, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0], OBOComponent [id=EMAPA:17642, name=primary palate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0], OBOComponent [id=EMAPA:17643, name=primary palate epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17643 has name [epithelium] | | |

| Modified OBOComponent 752 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:16197 | Name | Starts At |
| TS12 | Ends At | TS14 | Primary Parents |
| EMAPA:16195[otic placode] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

| Modified OBOComponent 752 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16195, name=otic placode, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0], OBOComponent [id=EMAPA:16197, name=otic placode epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16197 has name [epithelium] | | |

| Modified OBOComponent 753 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:16196 | Name | Starts At |
| TS12 | Ends At | TS14 | Primary Parents |
| EMAPA:16195[otic placode] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16195, name=otic placode, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0], OBOComponent [id=EMAPA:16196, name=otic placode associated mesenchyme, statusChange=CHANGED, | | |

| Modified OBOComponent 753 | | | |
|---------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16196 has name [associated mesenchyme] | | |

| Modified OBOComponent 754 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17645 | Name | Starts At |
| TS20 | Ends At | TS20 | Primary Parents |
| EMAPA:31562[nephrogenic zone GROUP] EMAPA:17373[metanephros] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:31562, name=nephrogenic zone GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS21, present=0],</p> <p>OBOComponent [id=EMAPA:17645, name=cap mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> | | |

| Modified OBOComponent 754 | | | |
|---------------------------|--|---|---------|
| | | OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17645, name=cap mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0] | |
| | | 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:31562, name=nephrogenic zone GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS21, present=0], OBOComponent [id=EMAPA:17645, name=cap mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17645 has synonyms [condensed mesenchyme] | | |

| Modified OBOComponent 755 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:17644 | Name | Starts At |
| TS20 | Ends At | TS20 | Primary Parents |
| EMAPA:17642[primary palate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 755 | | | |
|---------------------------|--|-------------|---------|
| | group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17359, name=maxillary process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS20, present=0], OBOComponent [id=EMAPA:17641, name=premaxilla, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0], OBOComponent [id=EMAPA:17642, name=primary palate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0], OBOComponent [id=EMAPA:17644, name=primary palate mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17644 has name [mesenchyme] | | |

| Modified OBOComponent 756 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:17654 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17653[left lung] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17653, name=left lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17654, name=left lung | | |

| Modified OBOComponent 756 | | | |
|---------------------------|--|-------------|---------|
| | associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17654 has name [associated mesenchyme] | | |

| Modified OBOComponent 757 | | | |
|--------------------------------|--|-------------|-----------------|
| ID | EMAPA:27003 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:26991[oesophagus mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18860, name=oesophagus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:26991, name=oesophagus mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27003, name=oesophagus lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27003 has name [lamina propria] | | |

| Modified OBOComponent 758 | | | |
|--|-------------|------|-----------------|
| ID | EMAPA:17630 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17627[stomach proventricular region] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| | | | |

| Modified OBOComponent 758 | | | |
|---------------------------|---|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17627, name=stomach proventricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:17630, name=stomach proventricular region vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17630 has name [vascular element] | | |

| Modified OBOComponent 759 | | | |
|-------------------------------------|--|------|-----------------|
| ID | EMAPA:17632 | Name | Starts At |
| TS20 | Ends At | TS22 | Primary Parents |
| EMAPA:17631[stomach pyloric region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], | | |

| Modified OBOComponent 759 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17631, name=stomach pyloric region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:17632, name=stomach pyloric region associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17632 has name [associated mesenchyme] | | |

| Modified OBOComponent 760 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:17631 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17021[stomach] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 760 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17631, name=stomach pyloric region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17631 has name [pyloric region] | | |

| Modified OBOComponent 761 | | | |
|---------------------------------------|---|-------------|-----------------|
| ID | EMAPA:17626 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17623[stomach glandular region] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17623, name=stomach glandular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:17626, name=stomach glandular region vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17626 has name [vascular element] | | |

| Modified OBOComponent 762 | | | |
|---------------------------|-------------|------|-----------|
| ID | EMAPA:17627 | Name | Starts At |
| | | | |

| Modified OBOComponent 762 | | | |
|---|---|-------------|-----------------|
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17021[stomach] | | | Group Parents |
| | | | Synonyms |
| [cutaneous, ependymal region, non-glandular region] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17627, name=stomach proventricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17627 has name [proventricular region] | | |

| Modified OBOComponent 763 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17628 | Name | Starts At |
| TS20 | Ends At | TS22 | Primary Parents |
| EMAPA:17627[stomach proventricular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

Modified OBOComponent 763

| | | | |
|-------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17627, name=stomach proventricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:17628, name=stomach proventricular region associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17628 has name [associated mesenchyme] | | |

Modified OBOComponent 764

| | | | |
|--|--|------|-----------------|
| ID | EMAPA:17629 | Name | Starts At |
| TS20 | Ends At | TS22 | Primary Parents |
| EMAPA:17627[stomach proventricular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 764 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17627, name=stomach proventricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:17629, name=stomach proventricular region epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17629 has name [epithelium] | | |

| Modified OBOComponent 765 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:17622 | Name | Starts At |
| TS20 | Ends At | TS20 | Primary Parents |
| EMAPA:16706[pharynx] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:17622, name=hyoid cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17622 has name [hyoid cartilage cartilage condensation] | | |
| | 2. Different Synonyms - Referenced | | |

| Modified OBOComponent 765 | |
|---------------------------|---|
| | OBOComponent EMAPA:17622 has synonyms [Reichert's cartilage cartilage condensation] |

| Modified OBOComponent 766 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:17623 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17021[stomach] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17623, name=stomach glandular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17623 has name [glandular region] | | |

| Modified OBOComponent 767 | | | |
|---------------------------------------|--|------|-----------------|
| ID | EMAPA:17624 | Name | Starts At |
| TS20 | Ends At | TS22 | Primary Parents |
| EMAPA:17623[stomach glandular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

| Modified OBOComponent 767 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17623, name=stomach glandular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:17624, name=stomach glandular region associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17624 has name [associated mesenchyme] | | |

| Modified OBOComponent 768 | | | |
|---------------------------------------|--|------|-----------------|
| ID | EMAPA:17625 | Name | Starts At |
| TS20 | Ends At | TS22 | Primary Parents |
| EMAPA:17623[stomach glandular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 768 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17623, name=stomach glandular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:17625, name=stomach glandular region epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17625 has name [epithelium] | | |

| Modified OBOComponent 769 | | | |
|--------------------------------------|--|------|-----------------|
| ID | EMAPA:27013 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:16363[foregut-midgut junction] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:27013, name=foregut-midgut junction submucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| | | | |

| Modified OBOComponent 769 | | | |
|---------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27013 has name [submucosa] | | |

| Modified OBOComponent 770 | | | |
|--------------------------------------|---|-------------|-----------------|
| ID | EMAPA:27015 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:16363[foregut-midgut junction] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:27015, name=foregut-midgut junction muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27015 has name [muscularis] | | |

| Modified OBOComponent 771 | | | |
|--------------------------------------|--|------|-----------------|
| ID | EMAPA:27011 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:16363[foregut-midgut junction] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 771 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:27011, name=foregut-midgut junction mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27011 has name [mucosa] | | |

| Modified OBOComponent 772 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:17618 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:16105[heart] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17618, name=atrio-ventricular cushion tissue, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 772 | |
|---------------------------|--|
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17618 has synonyms [bulbar cushion] |

| Modified OBOComponent 773 | | | |
|------------------------------|---|-------------|-----------------|
| ID | EMAPA:17615 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:16201[arterial system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17615, name=innominate artery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17615 has synonyms [brachiocephalic artery] | | |

| Modified OBOComponent 774 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:17614 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17309[iliac artery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], | | |

| Modified OBOComponent 774 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17309, name=iliac artery, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17614, name=external iliac artery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17614 has name [external] | | |

| Modified OBOComponent 775 | | | |
|-----------------------------------|--|-------------|-----------------|
| ID | EMAPA:17611 | Name | Starts At |
| TS20 | Ends At | TS20 | Primary Parents |
| EMAPA:16808[medial-nasal process] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16680, name=nasal process, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS20, present=0], OBOComponent [id=EMAPA:16681, name=fronto-nasal process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS20, present=0], OBOComponent [id=EMAPA:16808, name=medial-nasal process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS20, present=0], OBOComponent [id=EMAPA:17611, name=medial-nasal process epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17611 has name [epithelium] | | |

| Modified OBOComponent 776 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:17612 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:16542[nose] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17612, name=vomer nasal organ, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17612 has synonyms [Jacobson's organ] | | |

| Modified OBOComponent 777 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17619 | Name | Starts At |
| TS20 | Ends At | TS22 | Primary Parents |
| EMAPA:17330[outflow tract pulmonary component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 777 | | | |
|---------------------------|--|-------------|---------|
| | group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16346, name=outflow tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS22, present=0], OBOComponent [id=EMAPA:17330, name=outflow tract pulmonary component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS22, present=0], OBOComponent [id=EMAPA:17619, name=outflow tract pulmonary component proximal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17619 has name [proximal part] | | |

| Modified OBOComponent 778 | | | |
|--------------------------------|--|-------------|-----------------|
| ID | EMAPA:27007 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:26991[oesophagus mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18860, name=oesophagus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:26991, name=oesophagus mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27007, name=oesophagus muscularis mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27007 has name [muscularis mucosa] | | |

| Modified OBOComponent 779 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:27021 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27011[foregut-midgut junction mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:27011, name=foregut-midgut junction mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27021, name=foregut-midgut junction lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27021 has name [lamina propria] | | |

| Modified OBOComponent 780 | | | |
|------------------------------------|---|------|-----------------|
| ID | EMAPA:27025 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17179[duodenum rostral part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

Modified OBOComponent 780

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18852, name=duodenum,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17178, name=foregut
duodenum, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17179, name=duodenum
rostral part, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:27025, name=duodenum
rostral part mucosa, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16548, name=foregut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17178, name=foregut
duodenum, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17179, name=duodenum
rostral part, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:27025, name=duodenum
rostral part mucosa, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
```

| Modified OBOComponent 780 | | | |
|---------------------------|---|---|---------|
| | | namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27025 has name [mucosa] | | |

| Modified OBOComponent 781 | | | |
|---|--|-------------|-----------------|
| ID | EMAPA:27023 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27011[foregut-midgut junction mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:27011, name=foregut-midgut junction mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27023, name=foregut-midgut junction muscularis mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27023 has name [muscularis mucosa] | | |

| Modified OBOComponent 782 | | | |
|-----------------------------------|-------------|------|-----------------|
| ID | EMAPA:17610 | Name | Starts At |
| TS20 | Ends At | TS20 | Primary Parents |
| EMAPA:16805[latero-nasal process] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| | | | |

| Modified OBOComponent 782 | | | |
|---------------------------|---|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16680, name=nasal process, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS20, present=0], OBOComponent [id=EMAPA:16681, name=fronto-nasal process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS20, present=0], OBOComponent [id=EMAPA:16805, name=latero-nasal process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS20, present=0], OBOComponent [id=EMAPA:17610, name=latero-nasal process epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17610 has name [epithelium] | | |

| Modified OBOComponent 783 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17600 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17598[cochlear duct] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, | | |

| Modified OBOComponent 783 | | | |
|---------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17286, name=inner ear vestibular component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17290, name=sacculle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17597, name=cochlea, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17598, name=cochlear duct, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17600, name=cochlear duct epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17600 has name [epithelium] | | |

| Modified OBOComponent 784 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:17601 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17000[middle ear] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17000, name=middle ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17601, name=pharyngo- tympanic tube, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| | | | |

| Modified OBOComponent 784 | | | |
|---------------------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17601 has synonyms [Eustacian tube] | | |

| Modified OBOComponent 785 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:17602 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17161[cornea] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17161, name=cornea, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17602, name=cornea stroma, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17602 has name [stroma] | | |

| Modified OBOComponent 786 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:17605 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17604[nasal cavity] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 786 | | | |
|---------------------------|---|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17604, name=nasal cavity, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17605, name=nasal cavity epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17605 has name [epithelium] | | |

| Modified OBOComponent 787 | | | |
|--------------------------------------|--|-------------|-----------------|
| ID | EMAPA:17606 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17605[nasal cavity epithelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17604, name=nasal cavity, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17605, name=nasal cavity epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17606, name=nasal cavity olfactory epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent | | |

| | |
|----------------------------------|----------------------------------|
| Modified OBOComponent 787 | |
| | EMAPA:17606 has name [olfactory] |

| | | | |
|--------------------------------------|---|-------------|-----------------|
| Modified OBOComponent 788 | | | |
| ID | EMAPA:17607 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17605[nasal cavity epithelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17604, name=nasal cavity, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17605, name=nasal cavity epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17607, name=nasal cavity respiratory epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17607 has name [respiratory] | | |

| | | | |
|---|---|------|-----------------|
| Modified OBOComponent 789 | | | |
| ID | EMAPA:27019 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27011[foregut-midgut junction mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

| Modified OBOComponent 789 | | | |
|---------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:27011, name=foregut-midgut junction mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27019, name=foregut-midgut junction epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27019 has name [epithelium] | | |

| Modified OBOComponent 790 | | | |
|------------------------------|---|------|-----------------|
| ID | EMAPA:17609 | Name | Starts At |
| TS20 | Ends At | TS20 | Primary Parents |
| EMAPA:16802[frontal process] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16680, name=nasal process, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS20, present=0], OBOComponent [id=EMAPA:16681, name=fronto-nasal | | |

| Modified OBOComponent 790 | | | |
|---------------------------|---|-------------|---------|
| | process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS20, present=0], OBOComponent [id=EMAPA:16802, name=frontal process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS20, present=0], OBOComponent [id=EMAPA:17609, name=frontal process epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17609 has name [epithelium] | | |

| Modified OBOComponent 791 | | | |
|--------------------------------------|---|-------------|-----------------|
| ID | EMAPA:27017 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:16363[foregut-midgut junction] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:27017, name=foregut-midgut junction serosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27017 has name [serosa] | | |

| Modified OBOComponent 792 | | | |
|---------------------------|-------------|------|-----------------|
| ID | EMAPA:27031 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| | | | |

| Modified OBOComponent 792 | |
|------------------------------------|--|
| EMAPA:17179[duodenum rostral part] | Group Parents |
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17178, name=foregut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:17179, name=duodenum rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:27031, name=duodenum rostral part serosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> |

| Modified OBOComponent 792 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17178, name=foregut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17179, name=duodenum rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:27031, name=duodenum rostral part serosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27031 has name [serosa] | | |

| Modified OBOComponent 793 | | | |
|---|--|------|-----------------|
| ID | EMAPA:27033 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27025[duodenum rostral part mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17178, name=foregut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17179, name=duodenum rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:27025, name=duodenum rostral part mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 793 | | | |
|---------------------------|---|-------------|---------|
| | start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27033, name=duodenum rostral part epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17178, name=foregut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17179, name=duodenum rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:27025, name=duodenum rostral part mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27033, name=duodenum rostral part epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27033 has name [epithelium] | | |

| Modified OBOComponent 794 | | | |
|---|---|------|-----------------|
| ID | EMAPA:27035 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27025[duodenum rostral part mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

Modified OBOComponent 794

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18852, name=duodenum,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17178, name=foregut
duodenum, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17179, name=duodenum
rostral part, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:27025, name=duodenum
rostral part mucosa, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:27035, name=duodenum
rostral part lamina propria, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16548, name=foregut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17178, name=foregut
duodenum, statusChange=CHANGED, statusRule=PASSED,
```

| Modified OBOComponent 794 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17179, name=duodenum rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:27025, name=duodenum rostral part mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27035, name=duodenum rostral part lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27035 has name [lamina propria] | | |

| Modified OBOComponent 795 | | | |
|---|---|------|-----------------|
| ID | EMAPA:27037 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27025[duodenum rostral part mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17178, name=foregut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17179, name=duodenum rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:27025, name=duodenum rostral part mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], | | |

| Modified OBOComponent 795 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:27037, name=duodenum rostral part muscularis mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17178, name=foregut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17179, name=duodenum rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:27025, name=duodenum rostral part mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27037, name=duodenum rostral part muscularis mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27037 has name [muscularis mucosa] | | |

| Modified OBOComponent 796 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:28679 | Name | Starts At |
| TS22 | Ends At | TS28 | Primary Parents |
| EMAPA:18321[bladder] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

| Modified OBOComponent 796 | | | |
|---------------------------|--|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:18321, name=bladder, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28679, name=vasculature of bladder, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:28679 has synonyms [blood vessel of bladder] | | |

| Modified OBOComponent 797 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:27027 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17179[duodenum rostral part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17178, name=foregut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 797 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17179, name=duodenum rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:27027, name=duodenum rostral part submucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17178, name=foregut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17179, name=duodenum rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:27027, name=duodenum rostral part submucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27027 has name [submucosa] | | |

| Modified OBOComponent 798 | | | |
|------------------------------------|---|------|-----------------|
| ID | EMAPA:27029 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17179[duodenum rostral part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

Modified OBOComponent 798

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18852, name=duodenum,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17178, name=foregut
duodenum, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17179, name=duodenum
rostral part, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:27029, name=duodenum
rostral part muscularis, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16548, name=foregut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17178, name=foregut
duodenum, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17179, name=duodenum
rostral part, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
```


| Modified OBOComponent 798 | | | |
|---------------------------|--|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:27029, name=duodenum rostral part muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27029 has name [muscularis] | | |

| Modified OBOComponent 799 | | | |
|--|---|------|-----------------|
| ID | EMAPA:31521 | Name | Starts At |
| TS25 | Ends At | TS27 | Primary Parents |
| EMAPA:28390[early distal tubule] EMAPA:31571[cortical renal tubule of capillary loop nephron GROUP] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28491, name=mature nephron, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS25, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:18976, name=cortical renal tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:31571, name=cortical renal tubule of capillary loop nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22, end=TS27, present=0],</p> <p>OBOComponent [id=EMAPA:31521, name=early distal tubule of capillary loop nephron, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS27, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED,</p> | | |

Modified OBOComponent 799

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28390, name=early distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31521, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31521, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
```

Modified OBOComponent 799

```

statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28390, name=early distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31521, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]

```

```

5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,

```

Modified OBOComponent 799

```
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31521, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28390, name=early distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31521, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
```

Modified OBOComponent 799

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31521, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28390, name=early distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31521, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
9. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
```


Modified OBOComponent 799

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31521, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
10. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
```


Modified OBOComponent 799

```
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28390, name=early distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31521, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
11. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31521, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
12. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
```

Modified OBOComponent 799

```
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31521, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
13. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28390, name=early distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31521, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
14. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
```

Modified OBOComponent 799

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31521, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
15. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28390, name=early distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31521, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
16. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
```

Modified OBOComponent 799

```

statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31521, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]

```

```

17. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,

```

Modified OBOComponent 799

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28390, name=early distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31521, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
18. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31521, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
19. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
```


Modified OBOComponent 799

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28390, name=early distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31521, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
20. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
```


Modified OBOComponent 799

```
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31521, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
21. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28390, name=early distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31521, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
22. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
```

Modified OBOComponent 799

```
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31521, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
23. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28390, name=early distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 799

```
group=false, start=TS25, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31521, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
24. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31521, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
25. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

Modified OBOComponent 799

```
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28390, name=early distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31521, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
26. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31521, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
27. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 799 | | | |
|---------------------------|--|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:18976, name=cortical renal tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28387, name=renal distal tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28390, name=early distal tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS27, present=0], OBOComponent [id=EMAPA:31521, name=early distal tubule of capillary loop nephron, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS27, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:31521 has synonyms [anlage of distal tubule] | | |

| Modified OBOComponent 800 | | | |
|---|---|------|-----------------|
| ID | EMAPA:31511 | Name | Starts At |
| TS22 | Ends At | TS24 | Primary Parents |
| EMAPA:28007[early distal tubule] EMAPA:31571[cortical renal tubule of capillary loop nephron GROUP] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, | | |

Modified OBOComponent 800

```
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28007, name=early distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31511, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31511, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
```


Modified OBOComponent 800

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28007, name=early distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31511, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31511, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
```

Modified OBOComponent 800

```
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28007, name=early distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31511, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31511, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

Modified OBOComponent 800

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7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28007, name=early distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31511, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]

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8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,

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Modified OBOComponent 800

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31511, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
9. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28007, name=early distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31511, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
10. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
```

Modified OBOComponent 800

```
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31511, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
11. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31511, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
12. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
```


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```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28007, name=early distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31511, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
13. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31511, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
14. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
```


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statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28007, name=early distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31511, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

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15. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31511, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

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start=TS22, end=TS24, present=0]]

16. [
 OBOComponent [id=EMAPA:0, name=Abstract anatomy,
 statusChange=UNCHECKED, statusRule=UNCHECKED,
 dbID=TBD, newid=TBD, namespace=abstract_anatomy,
 group=false, start=, end=, present=0],
 OBOComponent [id=EMAPA:25765, name=mouse,
 statusChange=UNCHECKED, statusRule=UNCHECKED,
 dbID=TBD, newid=TBD, namespace=abstract_anatomy,
 group=false, start=TS01, end=TS28, present=0],
 OBOComponent [id=EMAPA:16039, name=embryo,
 statusChange=UNCHANGED, statusRule=PASSED,
 dbID=TBD, newid=TBD, namespace=abstract_anatomy,
 group=true, start=TS04, end=TS26, present=0],
 OBOComponent [id=EMAPA:16103, name=organ system,
 statusChange=UNCHANGED, statusRule=PASSED,
 dbID=TBD, newid=TBD, namespace=abstract_anatomy,
 group=false, start=TS11, end=TS28, present=0],
 OBOComponent [id=EMAPA:16245, name=visceral organ,
 statusChange=UNCHANGED, statusRule=PASSED,
 dbID=TBD, newid=TBD, namespace=abstract_anatomy,
 group=false, start=TS12, end=TS28, present=0],
 OBOComponent [id=EMAPA:17366, name=urinary system,
 statusChange=UNCHANGED, statusRule=PASSED,
 dbID=TBD, newid=TBD, namespace=abstract_anatomy,
 group=false, start=TS19, end=TS28, present=0],
 OBOComponent [id=EMAPA:17373, name=metanephros,
 statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
 newid=TBD, namespace=abstract_anatomy, group=false,
 start=TS19, end=TS28, present=0],
 OBOComponent [id=EMAPA:28445, name=stage IV
 immature nephron, statusChange=UNCHANGED,
 statusRule=PASSED, dbID=TBD, newid=TBD,
 namespace=abstract_anatomy, group=true, start=TS22,
 end=TS22, present=0],
 OBOComponent [id=EMAPA:18976, name=cortical renal
 tubule, statusChange=UNCHANGED, statusRule=PASSED,
 dbID=TBD, newid=TBD, namespace=abstract_anatomy,
 group=false, start=TS22, end=TS28, present=0],
 OBOComponent [id=EMAPA:28007, name=early distal
 tubule, statusChange=UNCHANGED, statusRule=PASSED,
 dbID=TBD, newid=TBD, namespace=abstract_anatomy,
 group=false, start=TS22, end=TS24, present=0],
 OBOComponent [id=EMAPA:31511, name=early distal
 tubule of capillary loop nephron,
 statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
 newid=TBD, namespace=abstract_anatomy, group=false,
 start=TS22, end=TS24, present=0]]

17. [
 OBOComponent [id=EMAPA:0, name=Abstract anatomy,
 statusChange=UNCHECKED, statusRule=UNCHECKED,
 dbID=TBD, newid=TBD, namespace=abstract_anatomy,
 group=false, start=, end=, present=0],
 OBOComponent [id=EMAPA:25765, name=mouse,
 statusChange=UNCHECKED, statusRule=UNCHECKED,
 dbID=TBD, newid=TBD, namespace=abstract_anatomy,
 group=false, start=TS01, end=TS28, present=0],
 OBOComponent [id=EMAPA:16039, name=embryo,
 statusChange=UNCHANGED, statusRule=PASSED,
 dbID=TBD, newid=TBD, namespace=abstract_anatomy,
 group=true, start=TS04, end=TS26, present=0],
 OBOComponent [id=EMAPA:16103, name=organ system,
 statusChange=UNCHANGED, statusRule=PASSED,
 dbID=TBD, newid=TBD, namespace=abstract_anatomy,
 group=false, start=TS11, end=TS28, present=0],
 OBOComponent [id=EMAPA:16245, name=visceral organ,
 statusChange=UNCHANGED, statusRule=PASSED,
 dbID=TBD, newid=TBD, namespace=abstract_anatomy,
 group=false, start=TS12, end=TS28, present=0],
 OBOComponent [id=EMAPA:17366, name=urinary system,
 statusChange=UNCHANGED, statusRule=PASSED,
 dbID=TBD, newid=TBD, namespace=abstract_anatomy,
 group=false, start=TS19, end=TS28, present=0],
 OBOComponent [id=EMAPA:17373, name=metanephros,
 statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
 newid=TBD, namespace=abstract_anatomy, group=false,
 start=TS19, end=TS28, present=0],
 OBOComponent [id=EMAPA:28445, name=stage IV
 immature nephron, statusChange=UNCHANGED,
 statusRule=PASSED, dbID=TBD, newid=TBD,
 namespace=abstract_anatomy, group=true, start=TS22,

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end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31511, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

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18. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28007, name=early distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31511, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

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19. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
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dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31511, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

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20. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28007, name=early distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
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OBOComponent [ id=EMAPA:31511, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
21. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31511, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

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22. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
```


Modified OBOComponent 800

```
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28007, name=early distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31511, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
23. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31511, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
24. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
```


Modified OBOComponent 800

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28007, name=early distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31511, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
25. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 800

```
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31511, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
26. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28007, name=early distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31511, name=early distal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
27. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
```

| Modified OBOComponent 800 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:18976, name=cortical renal tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:31571, name=cortical renal tubule of capillary loop nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22, end=TS27, present=0], OBOComponent [id=EMAPA:31511, name=early distal tubule of capillary loop nephron, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS24, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:31511 has synonyms [anlage of distal tubule] | | |

| Modified OBOComponent 801 | | | |
|---------------------------------|---|-------------|-----------------|
| ID | EMAPA:18694 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:16727[respiratory system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18694, name=respiratory system cartilage, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18694 has name [cartilage] | | |

| Modified OBOComponent 802 | | | |
|---|-------------|------|-----------------|
| ID | EMAPA:18695 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:18694[respiratory system cartilage] | | | Group Parents |
| | | | |

| Modified OBOComponent 802 | | | |
|---------------------------|---|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18694, name=respiratory system cartilage, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18695, name=arytenoid cartilage, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18695 has name [arytenoid] | | |

| Modified OBOComponent 803 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18696 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18694[respiratory system cartilage] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18694, name=respiratory | | |

| Modified OBOComponent 803 | | | |
|---------------------------|---|-------------|---------|
| | system cartilage, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18696, name=cricoid cartilage, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18696 has name [cricoid] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18696 has synonyms [6th branchial arch cartilage] | | |

| Modified OBOComponent 804 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:18697 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:18694[respiratory system cartilage] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18694, name=respiratory system cartilage, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18697, name=laryngeal cartilage, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18697 has name [laryngeal] | | |

| Modified OBOComponent 805 | | | |
|---|-------------|------|-----------------|
| ID | EMAPA:18698 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18694[respiratory system cartilage] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| | | | |

| Modified OBOComponent 805 | | | |
|---------------------------|---|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18694, name=respiratory system cartilage, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18698, name=thyroid cartilage, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18698 has name [thyroid] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18698 has synonyms [4th branchial arch cartilages] | | |

| Modified OBOComponent 806 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:18699 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:16853[trachea] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16737, name=respiratory | | |

| Modified OBOComponent 806 | | | |
|---------------------------|---|-------------|---------|
| | tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16738, name=lower respiratory tract, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16853, name=trachea, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18699, name=trachea cartilaginous ring, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18699 has name [cartilaginous ring] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18699 has synonyms [ring] | | |

| Modified OBOComponent 807 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:18677 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:18676[calyx] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:18676, name=calyx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS28, present=0], OBOComponent [id=EMAPA:18677, name=major calyx, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18677 has name [major] | | |

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| Modified OBOComponent 808 | | | |
|------------------------------|---|--------------------|------------------------|
| <i>ID</i> | EMAPA:18672 | <i>Name</i> | <i>Starts At</i> |
| TS23 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:18307[liver left lobe] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Primary Path</i> |
| <i>Alternate Paths</i> | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16846, name=liver, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18306, name=liver lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18307, name=liver left lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18672, name=liver left lobe hepatic duct, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0] | | |
| <i>Rule Status</i> | PASSED | <i>Edit Status</i> | CHANGED |
| <i>Comments</i> | 1. Different Name - Referenced OBOComponent EMAPA:18672 has name [hepatic duct] | | |

| Modified OBOComponent 809 | | | |
|--------------------------------|--|-------------|------------------------|
| <i>ID</i> | EMAPA:18671 | <i>Name</i> | <i>Starts At</i> |
| TS23 | <i>Ends At</i> | TS23 | <i>Primary Parents</i> |
| EMAPA:18670[jejunum mesentery] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Primary Path</i> |
| <i>Alternate Paths</i> | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 809 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:18666, name=jejunum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:18670, name=jejunum mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:18671, name=jejunum dorsal mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18671 has name [dorsal mesentery] | | |

| Modified OBOComponent 810 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:18670 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:18666[jejunum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, | | |

| Modified OBOComponent 810 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:18666, name=jejunum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:18670, name=mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18670 has name [mesentery] | | |

| Modified OBOComponent 811 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:27089 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27081[rectum mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27089 has name [epithelium] | | |

| Modified OBOComponent 812 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:27085 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17896[rectum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27085 has name [muscularis] | | |

| Modified OBOComponent 813 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:18669 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:18666[jejunum] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 813 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:18666, name=jejunum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:18669, name=jejunum vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18669 has name [vascular element] | | |

| Modified OBOComponent 814 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:27087 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17896[rectum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27087 has name [serosa] | | |

| Modified OBOComponent 815 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:18668 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27109[jejunum mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, | | |

| Modified OBOComponent 815 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:18666, name=jejunum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27109, name=jejunum mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:18668, name=jejunum epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18668 has name [epithelium] | | |

| Modified OBOComponent 816 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:27081 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17896[rectum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27081 has name [mucosa] | | |

| Modified OBOComponent 817 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:27083 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17896[rectum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27083 has name [submucosa] | | |

| Modified OBOComponent 818 | | | |
|---------------------------|-------------|------|-----------------|
| ID | EMAPA:18685 | Name | Starts At |
| TS23 | Ends At | TS27 | Primary Parents |
| EMAPA:17972[testis] | | | Group Parents |
| | | | Synonyms |
| | | | |

| Modified OBOComponent 818 | | | |
|---------------------------|--|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:17972, name=testis, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:18685, name=seminiferous cord, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS27, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18685 has synonyms [seminiferous tubule] | | |

| Modified OBOComponent 819 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:18687 | Name | Starts At |
| TS20 | Ends At | TS28 | Primary Parents |
| EMAPA:17972[testis] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 819 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:17972, name=testis, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:18687, name=interstitium of the testis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18687 has synonyms [interstitial tissue] | | |

| Modified OBOComponent 820 | | | |
|---|---|------|-----------------|
| ID | EMAPA:18682 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:30977[male external genitalia] EMAPA:17968[male reproductive system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:30977, name=male external genitalia, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS23, end=TS28, present=0], OBOComponent [id=EMAPA:18682, name=penis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

| Modified OBOComponent 820 | | | |
|---------------------------|---|--|---------|
| | | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:18682, name=penis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | |
| | | 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:30977, name=male external genitalia, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS23, end=TS28, present=0], OBOComponent [id=EMAPA:18682, name=penis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18682 has synonyms [genital tubercle of male] | | |

| Modified OBOComponent 821 | | | |
|--|-------------|------|-----------------|
| ID | EMAPA:18681 | Name | Starts At |
| TS23 | Ends At | TS28 | Primary Parents |
| EMAPA:17968[male reproductive system] EMAPA:28533[male associated reproductive structure] | | | Group Parents |
| | | | Synonyms |
| | | | |

Modified OBOComponent 821

| [] | Primary Path |
|-----------------|---|
| Alternate Paths | <div data-bbox="518 190 1355 1041"> <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:28533, name=male associated reproductive structure, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:18681, name=ductus deferens, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS28, present=0]]</p> </div> <div data-bbox="518 1041 1355 1870"> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:18681, name=ductus deferens, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS28, present=0]]</p> </div> <div data-bbox="518 1870 1355 2134"> <p>3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo,</p> </div> |

| Modified OBOComponent 821 | | | |
|---------------------------|---|---|---------|
| | | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:28533, name=male associated reproductive structure, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:18681, name=ductus deferens, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS28, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18681 has synonyms [vas deferens] | | |

| Modified OBOComponent 822 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:18678 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:18676[calyx] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:18676, name=calyx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS28, present=0], OBOComponent [id=EMAPA:18678, name=minor calyx, | | |

| Modified OBOComponent 822 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18678 has name [minor] | | |

| Modified OBOComponent 823 | | | |
|-----------------------------------|---|------|-----------------|
| ID | EMAPA:27099 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17194[duodenum caudal part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17193, name=midgut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17194, name=duodenum caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:27099, name=duodenum caudal part muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system,</p> | | |

Modified OBOComponent 823

| | | | |
|--|---|-------------|---------|
| <pre>statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17193, name=midgut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17194, name=duodenum caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:27099, name=duodenum caudal part muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]]</pre> | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27099 has name [muscularis] | | |

Modified OBOComponent 824

| | | | |
|-----------------------------------|---|------|-----------------|
| ID | EMAPA:27097 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17194[duodenum caudal part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <pre>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</pre> | | |

| Modified OBOComponent 824 | | | |
|---------------------------|--|--|---------|
| | | group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17193, name=midgut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17194, name=duodenum caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:27097, name=duodenum caudal part submucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | |
| | | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17193, name=midgut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17194, name=duodenum caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:27097, name=duodenum caudal part submucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27097 has name [submucosa] | | |

| Modified OBOComponent 825 | | | |
|-----------------------------------|--|------|-----------------|
| ID | EMAPA:27095 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17194[duodenum caudal part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 825

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16255, name=midgut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17193, name=midgut
duodenum, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17194, name=duodenum caudal
part, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:27095, name=duodenum caudal
part mucosa, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18852, name=duodenum,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17193, name=midgut
duodenum, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17194, name=duodenum caudal
part, statusChange=CHANGED, statusRule=PASSED,
```

| Modified OBOComponent 825 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:27095, name=duodenum caudal part mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27095 has name [mucosa] | | |

| Modified OBOComponent 826 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:27093 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27081[rectum mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27093 has name [muscularis mucosa] | | |

| Modified OBOComponent 827 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:27091 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27081[rectum mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27091 has name [lamina propria] | | |

| Modified OBOComponent 828 | | | |
|---|---|------|-----------------|
| ID | EMAPA:31543 | Name | Starts At |
| TS25 | Ends At | TS27 | Primary Parents |
| EMAPA:31571[cortical renal tubule of capillary loop nephron GROUP] EMAPA:28284[early proximal tubule] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, | | |

Modified OBOComponent 828

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28281, name=renal proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28284, name=early proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
```

Modified OBOComponent 828

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28281, name=renal proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28284, name=early proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```


Modified OBOComponent 828

```

5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]

```

```

6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,

```

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```
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28281, name=renal proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28284, name=early proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

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```
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28281, name=renal proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28284, name=early proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
9. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

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```

10. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28281, name=renal proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28284, name=early proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]

```

```

11. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,

```

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```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
12. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
13. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
```


Modified OBOComponent 828

```
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28281, name=renal proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28284, name=early proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
14. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
15. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
```


Modified OBOComponent 828

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28281, name=renal proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28284, name=early proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
16. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
```

Modified OBOComponent 828

```
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
17. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28281, name=renal proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28284, name=early proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
18. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

Modified OBOComponent 828

```
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
19. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28281, name=renal proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28284, name=early proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
20. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
```

Modified OBOComponent 828

```

statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]

```

```

21. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],

```

Modified OBOComponent 828

```
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28281, name=renal proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28284, name=early proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
22. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
23. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
```


Modified OBOComponent 828

```
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28281, name=renal proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28284, name=early proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
24. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
```


Modified OBOComponent 828

```
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
25. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28281, name=renal proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28284, name=early proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
26. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
```

Modified OBOComponent 828

```
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

```
27. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28281, name=renal proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28284, name=early proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31543, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS27, present=0 ]]
```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:31543 has synonyms [anlage of proximal tubule] | | |

| Modified OBOComponent 829 | | | |
|---|---|------|-----------------|
| ID | EMAPA:31544 | Name | Starts At |
| TS22 | Ends At | TS24 | Primary Parents |
| EMAPA:31571[cortical renal tubule of capillary loop nephron GROUP] EMAPA:28003[early proximal tubule] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28491, name=mature nephron, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS25, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:18976, name=cortical renal tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28003, name=early proximal tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS24, present=0],</p> <p>OBOComponent [id=EMAPA:31544, name=early proximal tubule of capillary loop nephron, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS24, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28491, name=mature nephron, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS25, end=TS28, present=0],</p> | | |

Modified OBOComponent 829

```
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31544, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28003, name=early proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31544, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

Modified OBOComponent 829

```
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31544, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28003, name=early proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31544, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
```


Modified OBOComponent 829

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31544, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28003, name=early proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31544, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
8. [
```


Modified OBOComponent 829

```
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31544, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
9. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 829

```
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28003, name=early proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31544, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
10. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31544, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
11. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

Modified OBOComponent 829

```
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31544, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
12. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28003, name=early proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31544, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
13. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

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```
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31544, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
14. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28003, name=early proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31544, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
15. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

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```
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31544, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
16. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28003, name=early proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31544, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```


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```

17. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31544, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]

```

```

18. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],

```


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```
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28003, name=early proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31544, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
19. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31544, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
20. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
```

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```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28003, name=early proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31544, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
21. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
```

Modified OBOComponent 829

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31544, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
22. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28003, name=early proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31544, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
23. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
```

Modified OBOComponent 829

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31544, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
24. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28003, name=early proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31544, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
25. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
```

Modified OBOComponent 829

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31571, name=cortical renal
tubule of capillary loop nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:31544, name=early proximal
tubule of capillary loop nephron,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
26. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28003, name=early proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31544, name=early proximal
```


| Modified OBOComponent 829 | | | |
|---------------------------|--|--|---------|
| | | tubule of capillary loop nephron, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS24, present=0]] | |
| | | 27. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:18976, name=cortical renal tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:31571, name=cortical renal tubule of capillary loop nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22, end=TS27, present=0], OBOComponent [id=EMAPA:31544, name=early proximal tubule of capillary loop nephron, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS24, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:31544 has synonyms [anlage of proximal tubule] | | |

| Modified OBOComponent 830 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:18651 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:18650[hyoid bone] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 830 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:18649, name=pharynx skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:18650, name=hyoid bone, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:18651, name=hyoid bone greater horn, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18651 has name [greater horn] | | |

| Modified OBOComponent 831 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:18653 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:18650[hyoid bone] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], | | |

| Modified OBOComponent 831 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:18649, name=pharynx skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:18650, name=hyoid bone, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:18653, name=hyoid bone body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18653 has name [body] | | |

| Modified OBOComponent 832 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:18652 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:18650[hyoid bone] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:18649, name=pharynx skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 832 | | | |
|---------------------------|--|-------------|---------|
| | group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:18650, name=hyoid bone, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:18652, name=hyoid bone lesser horn, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18652 has name [lesser horn] | | |

| Modified OBOComponent 833 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:18647 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:16240[venous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18647, name=testicular vein, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18647 has synonyms [pampiniform plexus] | | |

| Modified OBOComponent 834 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:18649 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:16706[pharynx] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

| Modified OBOComponent 834 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:18649, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18649 has name [skeleton] | | |

| Modified OBOComponent 835 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:27877 | Name | Starts At |
| TS22 | Ends At | TS27 | Primary Parents |
| EMAPA:27853[s-shaped body] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17952, name=renal cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], | | |

Modified OBOComponent 835

```
OBOComponent [ id=EMAPA:28500, name=early tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27853, name=s-shaped body,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27877, name=medial segment
of s-shaped body, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27853, name=s-shaped body,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27877, name=medial segment
of s-shaped body, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
```

Modified OBOComponent 835

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27853, name=s-shaped body,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27877, name=medial segment
of s-shaped body, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28500, name=early tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27853, name=s-shaped body,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27877, name=medial segment
of s-shaped body, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
```


| Modified OBOComponent 835 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27853, name=s-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0], OBOComponent [id=EMAPA:27877, name=medial segment of s-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27877 has synonyms [mid-portion of s-shaped body] | | |

| Modified OBOComponent 836 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18662 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:18661[foregut-midgut junction duodenum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:18661, name=foregut-midgut junction duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:18662, name=duodenal papilla, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |

Modified OBOComponent 836

| | | | |
|-------------|--|-------------|---------|
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:18661, name=foregut-midgut junction duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:18662, name=duodenal papilla, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18662 has synonyms [ampulla of Vater] | | |

Modified OBOComponent 837

| | | | |
|---|--|------|-----------------|
| ID | EMAPA:18661 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:16363[foregut-midgut junction] EMAPA:18852[duodenum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 837 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:18661, name=foregut-midgut junction duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:18661, name=foregut-midgut junction duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18661 has name [duodenum] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:18661 has parents [EMAPA:16363, EMAPA:18852] | | |

| Modified OBOComponent 838 | | | |
|---------------------------|-------------|-------------|-----------------|
| ID | EMAPA:18664 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17896[rectum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 838 | |
|---------------------------|--|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18664 has name [mesentery] |

| Modified OBOComponent 839 | | | |
|-------------------------------|---|-------------|-----------------|
| ID | EMAPA:18665 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:18664[rectum mesentery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18665 has name [dorsal mesentery] | | |

| Modified OBOComponent 840 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:27883 | Name | Starts At |
| TS22 | Ends At | TS27 | Primary Parents |
| EMAPA:27853[s-shaped body] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17952, name=renal cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28500, name=early tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22, end=TS27, present=0], OBOComponent [id=EMAPA:27853, name=s-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0], OBOComponent [id=EMAPA:27883, name=proximal segment of s-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 840

```
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27853, name=s-shaped body,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27883, name=proximal
segment of s-shaped body, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27853, name=s-shaped body,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27883, name=proximal
segment of s-shaped body, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
```

Modified OBOComponent 840

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28500, name=early tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27853, name=s-shaped body,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27883, name=proximal
segment of s-shaped body, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27853, name=s-shaped body,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27883, name=proximal
segment of s-shaped body, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
```


| Modified OBOComponent 840 | | | |
|---------------------------|--|------------------------------------|---------|
| | | start=TS22, end=TS27, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27883 has synonyms [lower limb of s-shaped body] | | |

| Modified OBOComponent 841 | | | |
|----------------------------------|--|-------------|-----------------|
| ID | EMAPA:18632 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18631[brain venous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18631, name=brain venous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18632, name=hindbrain venous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18632 has name [hindbrain] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18632 has synonyms [rhombencephalon] | | |

| Modified OBOComponent 842 | | | |
|--------------------------------------|--|------|-----------------|
| ID | EMAPA:18633 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18632[hindbrain venous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

| Modified OBOComponent 842 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18631, name=brain venous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18632, name=hindbrain venous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18633, name=hindbrain venous sinus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18633 has name [sinus] | | |

| Modified OBOComponent 843 | | | |
|------------------------------|---|------|-----------------|
| ID | EMAPA:18630 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:17873[tricuspid valve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17869, name=heart valve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17873, name=tricuspid valve, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 843 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18630, name=tricuspid valve leaflets, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18630 has name [leaflets] | | |

| Modified OBOComponent 844 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:18631 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:16240[venous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18631, name=brain venous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18631 has name [brain] | | |

| Modified OBOComponent 845 | | | |
|--|---|------|-----------------|
| ID | EMAPA:27039 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:18267[gastro-oesophageal junction] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 845 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:18267, name=gastro-oesophageal junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:27039, name=gastro-oesophageal junction mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27039 has name [mucosa] | | |

| Modified OBOComponent 846 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:27871 | Name | Starts At |
| TS22 | Ends At | TS27 | Primary Parents |
| EMAPA:27853[s-shaped body] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17952, name=renal cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28500, name=early tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 846

```
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27853, name=s-shaped body,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27871, name=distal segment
of s-shaped body, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27853, name=s-shaped body,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27871, name=distal segment
of s-shaped body, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
```

Modified OBOComponent 846

```
OBOComponent [ id=EMAPA:27853, name=s-shaped body,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27871, name=distal segment
of s-shaped body, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28500, name=early tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27853, name=s-shaped body,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27871, name=distal segment
of s-shaped body, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
```


| Modified OBOComponent 846 | | | |
|---------------------------|--|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27853, name=s-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0], OBOComponent [id=EMAPA:27871, name=distal segment of s-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27871 has synonyms [upper limb of s-shaped body] | | |

| Modified OBOComponent 847 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:27045 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:18267[gastro-oesophageal junction] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:18267, name=gastro-oesophageal junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:27045, name=gastro-oesophageal junction serosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27045 has name [serosa] | | |

| Modified OBOComponent 848 | | | |
|------------------------------|--|-------------|-----------------|
| ID | EMAPA:18629 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:17872[pulmonary valve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17869, name=heart valve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17872, name=pulmonary valve, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18629, name=pulmonary valve leaflets, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18629 has name [leaflets] | | |

| Modified OBOComponent 849 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:18628 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:17871[mitral valve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], | | |

| Modified OBOComponent 849 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17869, name=heart valve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17871, name=mitral valve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18628, name=mitral valve leaflets, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18628 has name [leaflets] | | |

| Modified OBOComponent 850 | | | |
|---|--|------|-----------------|
| ID | EMAPA:27047 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27039[gastro-oesophageal junction mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:18267, name=gastro-oesophageal junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:27039, name=gastro-oesophageal junction mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27047, name=gastro- | | |

| Modified OBOComponent 850 | | | |
|---------------------------|---|-------------|---------|
| | oesophageal junction epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27047 has name [epithelium] | | |

| Modified OBOComponent 851 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:18627 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:17870[aortic valve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17869, name=heart valve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17870, name=aortic valve, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18627, name=aortic valve leaflets, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18627 has name [leaflets] | | |

| Modified OBOComponent 852 | | | |
|--|---|------|-----------------|
| ID | EMAPA:27041 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:18267[gastro-oesophageal junction] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

| Modified OBOComponent 852 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:18267, name=gastro-oesophageal junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:27041, name=gastro-oesophageal junction submucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27041 has name [submucosa] | | |

| Modified OBOComponent 853 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:18624 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18622[thyroid artery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18622, name=thyroid artery, | | |

| Modified OBOComponent 853 | | | |
|---------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18624, name=superior thyroid artery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18624 has name [superior] | | |

| Modified OBOComponent 854 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:27043 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:18267[gastro-oesophageal junction] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:18267, name=gastro-oesophageal junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:27043, name=gastro-oesophageal junction muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27043 has name [muscularis] | | |

| Modified OBOComponent 855 | | | |
|---------------------------|-------------|------|-----------------|
| ID | EMAPA:18623 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| | | | |

| | | | |
|-----------------------------|---|---------------|---------|
| Modified OBOComponent 855 | | | |
| EMAPA:18622[thyroid artery] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18622, name=thyroid artery, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18623, name=inferior thyroid artery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18623 has name [inferior] | | |

| Modified OBOComponent 856 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18641 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:16240[venous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], | | |

| Modified OBOComponent 856 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:18641, name=internal thoracic vein, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18641 has synonyms [mammary] | | |

| Modified OBOComponent 857 | | | |
|------------------------------|--|-------------|-----------------|
| ID | EMAPA:18642 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:17348[mesenteric vein] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17348, name=mesenteric vein, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:18642, name=inferior mesenteric vein, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18642 has name [inferior] | | |

| Modified OBOComponent 858 | | | |
|------------------------------|--|------|-----------------|
| ID | EMAPA:18643 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:17348[mesenteric vein] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 858 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17348, name=mesenteric vein, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:18643, name=superior mesenteric vein, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18643 has name [superior] | | |

| Modified OBOComponent 859 | | | |
|---|--|------|-----------------|
| ID | EMAPA:27049 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27039[gastro-oesophageal junction mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:18267, name=gastro-oesophageal junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 859 | | | |
|---------------------------|--|-------------|---------|
| | start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:27039, name=gastro-oesophageal junction mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27049, name=gastro-oesophageal junction lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27049 has name [lamina propria] | | |

| Modified OBOComponent 860 | | | |
|--|--|------|-----------------|
| ID | EMAPA:27853 | Name | Starts At |
| TS22 | Ends At | TS27 | Primary Parents |
| EMAPA:17954[early nephron GROUP] EMAPA:17952[renal cortex] EMAPA:28500[early tubule] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17952, name=renal cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28500, name=early tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22, end=TS27, present=0], OBOComponent [id=EMAPA:27853, name=s-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, | | |

Modified OBOComponent 860

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27853, name=s-shaped body,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27853, name=s-shaped body,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
```

| Modified OBOComponent 860 | | | |
|---------------------------|---|---|---------|
| | | OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17952, name=renal cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28500, name=early tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22, end=TS27, present=0], OBOComponent [id=EMAPA:27853, name=s-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]] | |
| | | 5. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27853, name=s-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27853 has synonyms [stage II nephron] | | |

| Modified OBOComponent 861 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:18640 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18638[jugular vein] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

| Modified OBOComponent 861 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18638, name=jugular vein, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18640, name=internal jugular vein, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18640 has name [internal] | | |

| Modified OBOComponent 862 | | | |
|---|--|------|-----------------|
| ID | EMAPA:27051 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27039[gastro-oesophageal junction mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:18267, name=gastro-oesophageal junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:27039, name=gastro- | | |

| Modified OBOComponent 862 | | | |
|---------------------------|---|-------------|---------|
| | oesophageal junction mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27051, name=gastro-oesophageal junction muscularis mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27051 has name [muscularis mucosa] | | |

| Modified OBOComponent 863 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:27059 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17892[perineal body] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27059 has name [serosa] | | |

| Modified OBOComponent 864 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:18639 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18638[jugular vein] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18638, name=jugular vein, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18639, name=external jugular vein, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 864 | |
|---------------------------|---|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18639 has name [external] |

| Modified OBOComponent 865 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:27057 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17892[perineal body] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27057 has name [muscularis] | | |

| Modified OBOComponent 866 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:27055 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17892[perineal body] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27055 has name [submucosa] | | |

| Modified OBOComponent 867 | | | |
|---|---|------|-----------------|
| ID | EMAPA:18635 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18634[hindbrain venous dural sinus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18631, name=brain venous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 867 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18632, name=hindbrain venous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18633, name=hindbrain venous sinus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18634, name=hindbrain venous dural sinus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18635, name=inferior sagittal sinus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18635 has name [inferior sagittal] | | |

| Modified OBOComponent 868 | | | |
|-------------------------------------|--|------|-----------------|
| ID | EMAPA:18634 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18633[hindbrain venous sinus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18631, name=brain venous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18632, name=hindbrain venous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18633, name=hindbrain venous sinus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18634, name=hindbrain venous dural sinus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 868 | | | |
|---------------------------|---|-------------|---------|
| | start=TS23, end=TS26, present=0 [] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18634 has name [venous dural] | | |

| Modified OBOComponent 869 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:27053 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17892[perineal body] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27053 has name [mucosa] | | |

| Modified OBOComponent 870 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18637 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18634[hindbrain venous dural sinus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18631, name=brain venous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18632, name=hindbrain venous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18633, name=hindbrain venous sinus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18634, name=hindbrain venous dural sinus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], | | |

| Modified OBOComponent 870 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:18637, name=transverse sinus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18637 has name [transverse] | | |

| Modified OBOComponent 871 | | | |
|---|--|-------------|-----------------|
| ID | EMAPA:18636 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18634[hindbrain venous dural sinus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18631, name=brain venous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18632, name=hindbrain venous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18633, name=hindbrain venous sinus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18634, name=hindbrain venous dural sinus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18636, name=superior sagittal sinus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18636 has name [superior sagittal] | | |

| Modified OBOComponent 872 | | | |
|---------------------------|-------------|------|-----------|
| ID | EMAPA:27841 | Name | Starts At |
| | | | |

| Modified OBOComponent 872 | | | |
|--------------------------------|---|------|-----------------|
| TS22 | Ends At | TS27 | Primary Parents |
| EMAPA:27835[comma-shaped body] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17952, name=renal cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28500, name=early tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22, end=TS27, present=0],</p> <p>OBOComponent [id=EMAPA:27835, name=comma-shaped body, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0],</p> <p>OBOComponent [id=EMAPA:27841, name=upper limb of comma-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:27835, name=comma-shaped body, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> | | |

Modified OBOComponent 872

```
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27841, name=upper limb of
comma-shaped body, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27835, name=comma-shaped
body, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27841, name=upper limb of
comma-shaped body, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
```

Modified OBOComponent 872

| | | | |
|-------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:28500, name=early tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22, end=TS27, present=0], OBOComponent [id=EMAPA:27835, name=comma-shaped body, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0], OBOComponent [id=EMAPA:27841, name=upper limb of comma-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]] | | |
| | 5. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27835, name=comma-shaped body, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0], OBOComponent [id=EMAPA:27841, name=upper limb of comma-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27841 has synonyms [distal limb of comma-shaped body] | | |

Modified OBOComponent 873

| | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:18610 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18609[carotid artery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 873

| | | | |
|-------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18609, name=carotid artery, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18610, name=common carotid artery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18610 has name [common] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18610 has synonyms [common carotid artery] | | |

Modified OBOComponent 874

| | | | |
|-----------------------------|---|------|-----------------|
| ID | EMAPA:18611 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18609[carotid artery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18609, name=carotid artery, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18611, name=external carotid artery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |

| Modified OBOComponent 874 | | | |
|---------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18611 has name [external] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18611 has synonyms [external carotid artery] | | |

| Modified OBOComponent 875 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:27847 | Name | Starts At |
| TS22 | Ends At | TS27 | Primary Parents |
| EMAPA:27835[comma-shaped body] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17952, name=renal cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28500, name=early tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22, end=TS27, present=0], OBOComponent [id=EMAPA:27835, name=comma-shaped body, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0], OBOComponent [id=EMAPA:27847, name=lower limb of comma-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]] </pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, </pre> <p>]</p> | | |

Modified OBOComponent 875

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27835, name=comma-shaped
body, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27847, name=lower limb of
comma-shaped body, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27835, name=comma-shaped
body, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27847, name=lower limb of
comma-shaped body, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
```


| | | | |
|---------------------------|---|--|---------|
| Modified OBOComponent 875 | | | |
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17952, name=renal cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28500, name=early tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22, end=TS27, present=0], OBOComponent [id=EMAPA:27835, name=comma-shaped body, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0], OBOComponent [id=EMAPA:27847, name=lower limb of comma-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]] | |
| | | 5. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27835, name=comma-shaped body, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0], OBOComponent [id=EMAPA:27847, name=lower limb of comma-shaped body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27847 has synonyms [proximal limb of comma-shaped body] | | |

| | | | |
|---------------------------|-------------|------|-----------|
| Modified OBOComponent 876 | | | |
| ID | EMAPA:27061 | Name | Starts At |
| | | | |

| | | | |
|-----------------------------------|---|-------------|-----------------|
| Modified OBOComponent 876 | | | |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27053[perineal body mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27061 has name [epithelium] | | |

| | | | |
|----------------------------------|--|-------------|-----------------|
| Modified OBOComponent 877 | | | |
| ID | EMAPA:18604 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18603[thoracic aorta] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18601, name=aorta, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18603, name=thoracic aorta, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18604, name=ascending thoracic aorta, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18604 has name [ascending] | | |

| | | | |
|-----------------------------------|-------------|------|-----------------|
| Modified OBOComponent 878 | | | |
| ID | EMAPA:27063 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27053[perineal body mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| | | | |

| | | | |
|----------------------------------|---|-------------|---------|
| Modified OBOComponent 878 | | | |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27063 has name [lamina propria] | | |

| | | | |
|-----------------------------------|--|-------------|-----------------|
| Modified OBOComponent 879 | | | |
| ID | EMAPA:27065 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27053[perineal body mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27065 has name [muscularis mucosa] | | |

| | | | |
|----------------------------------|---|-------------|-----------------|
| Modified OBOComponent 880 | | | |
| ID | EMAPA:27067 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17900[rest of hindgut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27067 has name [mucosa] | | |

| | | | |
|----------------------------------|--|-------------|-----------------|
| Modified OBOComponent 881 | | | |
| ID | EMAPA:27069 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17900[rest of hindgut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27069 has name [submucosa] | | |

| | | | |
|----------------------------------|---|------|-----------------|
| Modified OBOComponent 882 | | | |
| ID | EMAPA:18605 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18603[thoracic aorta] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

| Modified OBOComponent 882 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18601, name=aorta, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18603, name=thoracic aorta, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18605, name=descending thoracic aorta, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18605 has name [descending] | | |

| Modified OBOComponent 883 | | | |
|------------------------------|---|-------------|-----------------|
| ID | EMAPA:27073 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17900[rest of hindgut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27073 has name [serosa] | | |

| Modified OBOComponent 884 | | | |
|------------------------------|---|-------------|-----------------|
| ID | EMAPA:27071 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17900[rest of hindgut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27071 has name [muscularis] | | |

| Modified OBOComponent 885 | | | |
|---------------------------|-------------|------|-----------|
| ID | EMAPA:27077 | Name | Starts At |
| | | | |

| | | | |
|-------------------------------------|---|-------------|-----------------|
| Modified OBOComponent 885 | | | |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27067[rest of hindgut mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27077 has name [lamina propria] | | |

| | | | |
|----------------------------------|--|-------------|-----------------|
| Modified OBOComponent 886 | | | |
| ID | EMAPA:18612 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18609[carotid artery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18609, name=carotid artery, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18612, name=internal carotid artery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18612 has name [internal] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18612 has synonyms [internal carotid artery] | | |

| | | | |
|-------------------------------------|-------------|------|-----------------|
| Modified OBOComponent 887 | | | |
| ID | EMAPA:27075 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27067[rest of hindgut mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| | | | |

| Modified OBOComponent 887 | | | |
|---------------------------|---|-------------|---------|
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27075 has name [epithelium] | | |

| Modified OBOComponent 888 | | | |
|------------------------------|--|-------------|-----------------|
| ID | EMAPA:18615 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18613[cerebral artery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18613, name=cerebral artery, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18615, name=middle cerebral artery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18615 has name [middle] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18615 has synonyms [middle cerebral artery] | | |

| Modified OBOComponent 889 | | | |
|------------------------------|---|------|-----------------|
| ID | EMAPA:18614 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18613[cerebral artery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 889

| | | | |
|-------------|--|-------------|---------|
| | group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18613, name=cerebral artery, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18614, name=anterior cerebral artery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18614 has name [anterior] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18614 has synonyms [anterior cerebral artery] | | |

Modified OBOComponent 890

| | | | |
|------------------------------|---|-------------|-----------------|
| ID | EMAPA:18617 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:16201[arterial system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18617, name=internal thoracic artery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18617 has synonyms [mammary] | | |

| Modified OBOComponent 891 | | | |
|------------------------------|--|-------------|-----------------|
| ID | EMAPA:18616 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18613[cerebral artery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18613, name=cerebral artery, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18616, name=posterior cerebral artery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18616 has name [posterior] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18616 has synonyms [posterior cerebral artery] | | |

| Modified OBOComponent 892 | | | |
|-------------------------------------|--|-------------|-----------------|
| ID | EMAPA:27079 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27067[rest of hindgut mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27079 has name [muscularis mucosa] | | |

| Modified OBOComponent 893 | | | |
|--------------------------------|-------------|------|-----------------|
| ID | EMAPA:18619 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:17312[mesenteric artery] | | | Group Parents |
| | | | Synonyms |

| Modified OBOComponent 893 | | | |
|---------------------------|--|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17312, name=mesenteric artery, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:18619, name=superior mesenteric artery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18619 has name [superior] | | |

| Modified OBOComponent 894 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:18618 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:17312[mesenteric artery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17312, name=mesenteric artery, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 894 | | | |
|---------------------------|--|-------------|---------|
| | group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:18618, name=inferior mesenteric artery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18618 has name [inferior] | | |

| Modified OBOComponent 895 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:30522 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:17962[ovary] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:17962, name=ovary, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:30522, name=tunica albuginea of ovary, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:30522 has synonyms [ovarian capsule] | | |

| Modified OBOComponent 896 | | | |
|---------------------------|-------------|------|-----------------|
| ID | EMAPA:16200 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16199[optic sulcus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| | | | |

| Modified OBOComponent 896 | | | |
|---------------------------|--|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16199, name=optic sulcus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16200, name=optic sulcus neural ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16200 has name [neural ectoderm] | | |

| Modified OBOComponent 897 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16210 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16208[early primitive heart tube] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16208, name=early primitive heart tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], | | |

| Modified OBOComponent 897 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16210, name=early primitive heart tube endocardial tube, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16210 has name [endocardial tube] | | |

| Modified OBOComponent 898 | | | |
|---|--|-------------|-----------------|
| ID | EMAPA:16211 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16208[early primitive heart tube] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16208, name=early primitive heart tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16211, name=early primitive heart tube cardiac muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16211 has name [cardiac muscle] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16211 has synonyms [myocardium] | | |

| Modified OBOComponent 899 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:16212 | Name | Starts At |
| TS12 | Ends At | TS26 | Primary Parents |
| EMAPA:16105[heart] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 899

| | | | |
|-------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16212, name=heart mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16212 has name [mesentery] | | |

Modified OBOComponent 900

| | | | |
|------------------------------|---|-------------|-----------------|
| ID | EMAPA:16213 | Name | Starts At |
| TS12 | Ends At | TS26 | Primary Parents |
| EMAPA:16212[heart mesentery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16212, name=heart mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16213, name=dorsal mesocardium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16213 has synonyms [dorsal | | |

| | |
|----------------------------------|---------------------|
| Modified OBOComponent 900 | |
| | mesentery of heart] |

| | | | |
|----------------------------------|--|-------------|-----------------|
| Modified OBOComponent 901 | | | |
| ID | EMAPA:16206 | Name | Starts At |
| TS12 | Ends At | TS22 | Primary Parents |
| EMAPA:16204[dorsal aorta] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16204, name=dorsal aorta, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16206, name=right dorsal aorta, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16206 has name [right] | | |

| | | | |
|----------------------------------|--|------|-----------------|
| Modified OBOComponent 902 | | | |
| ID | EMAPA:16205 | Name | Starts At |
| TS12 | Ends At | TS22 | Primary Parents |
| EMAPA:16204[dorsal aorta] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 902 | | | |
|---------------------------|--|-------------|---------|
| | group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16204, name=dorsal aorta, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16205, name=left dorsal aorta, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16205 has name [left] | | |

| Modified OBOComponent 903 | | | |
|---|--|-------------|-----------------|
| ID | EMAPA:16209 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16208[early primitive heart tube] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16208, name=early primitive heart tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16209, name=early primitive heart tube cardiac jelly, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16209 has name [cardiac jelly] | | |

| Modified OBOComponent 904 | | | |
|---------------------------|-------------|------|-----------------|
| ID | EMAPA:16220 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |

| | | | |
|--|--|---------------|---------|
| Modified OBOComponent 904 | | | |
| EMAPA:16217[bulbus cordis caudal half] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16215, name=primitive heart tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16216, name=bulbus cordis, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16217, name=bulbus cordis caudal half, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16220, name=bulbus cordis caudal half cardiac muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16220 has name [cardiac muscle] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16220 has synonyms [myocardium] | | |

| | | | |
|---|--|------|-----------------|
| Modified OBOComponent 905 | | | |
| ID | EMAPA:16223 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16221[bulbus cordis rostral half] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 905 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16215, name=primitive heart tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16216, name=bulbus cordis, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16221, name=bulbus cordis rostral half, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16223, name=bulbus cordis rostral half endocardial tube, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16223 has name [endocardial tube] | | |

| Modified OBOComponent 906 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16224 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16221[bulbus cordis rostral half] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16215, name=primitive heart tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16216, name=bulbus cordis, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16221, name=bulbus cordis | | |

| Modified OBOComponent 906 | | | |
|---------------------------|---|-------------|---------|
| | rostral half, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16224, name=bulbus cordis rostral half cardiac muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16224 has name [cardiac muscle] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16224 has synonyms [myocardium] | | |

| Modified OBOComponent 907 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:16221 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16216[bulbus cordis] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16215, name=primitive heart tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16216, name=bulbus cordis, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16221, name=bulbus cordis rostral half, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16221 has name [rostral half] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16221 has synonyms [conotruncus] | | |

| Modified OBOComponent 908 | | | |
|---------------------------|-------------|------|-----------|
| ID | EMAPA:16222 | Name | Starts At |
| | | | |

| Modified OBOComponent 908 | | | |
|---|---|-------------|-----------------|
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16221[bulbus cordis rostral half] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16215, name=primitive heart tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16216, name=bulbus cordis, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16221, name=bulbus cordis rostral half, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16222, name=bulbus cordis rostral half cardiac jelly, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16222 has name [cardiac jelly] | | |

| Modified OBOComponent 909 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16217 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16216[bulbus cordis] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, | | |

| Modified OBOComponent 909 | | | |
|---------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16215, name=primitive heart tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16216, name=bulbus cordis, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16217, name=bulbus cordis caudal half, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16217 has name [caudal half] | | |

| Modified OBOComponent 910 | | | |
|--|--|------|-----------------|
| ID | EMAPA:16219 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16217[bulbus cordis caudal half] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16215, name=primitive heart tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16216, name=bulbus cordis, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16217, name=bulbus cordis caudal half, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16219, name=bulbus cordis caudal half endocardial tube, statusChange=CHANGED, | | |

| Modified OBOComponent 910 | | | |
|---------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16219 has name [endocardial tube] | | |

| Modified OBOComponent 911 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:16218 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16217[bulbus cordis caudal half] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16215, name=primitive heart tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16216, name=bulbus cordis caudal half, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16217, name=bulbus cordis caudal half, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16218, name=bulbus cordis caudal half cardiac jelly, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16218 has name [cardiac jelly] | | |

| Modified OBOComponent 912 | | | |
|-----------------------------------|-------------|------|-----------------|
| ID | EMAPA:16233 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16215[primitive heart tube] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| | | | |

| Modified OBOComponent 912 | | | |
|---------------------------|---|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16215, name=primitive heart tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16233, name=primitive ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16233 has synonyms [future left ventricle] | | |

| Modified OBOComponent 913 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16232 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16229[outflow tract] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16215, name=primitive heart tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16229, name=outflow tract, | | |

| Modified OBOComponent 913 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16232, name=outflow tract mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16232 has name [mesenchyme] | | |

| Modified OBOComponent 914 | | | |
|----------------------------------|---|-------------|-----------------|
| ID | EMAPA:16235 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16233[primitive ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16215, name=primitive heart tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16233, name=primitive ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16235, name=primitive ventricle endocardial tube, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16235 has name [endocardial tube] | | |

| Modified OBOComponent 915 | | | |
|----------------------------------|-------------|------|-----------------|
| ID | EMAPA:16234 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16233[primitive ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| | | | |

| Modified OBOComponent 915 | | | |
|---------------------------|--|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16215, name=primitive heart tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16233, name=primitive ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16234, name=primitive ventricle cardiac jelly, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16234 has name [cardiac jelly] | | |

| Modified OBOComponent 916 | | | |
|---------------------------------------|--|------|-----------------|
| ID | EMAPA:29220 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17969[genital tubercle of male] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], | | |

Modified OBOComponent 916

```
OBOComponent [ id=EMAPA:28533, name=male associated
reproductive structure, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS23,
end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17969, name=genital
tubercle of male, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:29220, name=preputial
swelling of male, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS23, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17381, name=reproductive
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17968, name=male
reproductive system, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:30977, name=male external
genitalia, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS23,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17969, name=genital
tubercle of male, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:29220, name=preputial
swelling of male, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS23, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17381, name=reproductive
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
```

Modified OBOComponent 916

```
OBOComponent [ id=EMAPA:17968, name=male
reproductive system, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28533, name=male associated
reproductive structure, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS23,
end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17969, name=genital
tubercle of male, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:29220, name=preputial
swelling of male, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS23, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17381, name=reproductive
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17968, name=male
reproductive system, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17969, name=genital
tubercle of male, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:29220, name=preputial
swelling of male, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS23, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
```

| Modified OBOComponent 916 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:30977, name=male external genitalia, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS23, end=TS28, present=0], OBOComponent [id=EMAPA:17969, name=genital tubercle of male, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS24, present=0], OBOComponent [id=EMAPA:29220, name=preputial swelling of male, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:29220 has synonyms [prepuce of male] | | |

| Modified OBOComponent 917 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16231 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16229[outflow tract] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16215, name=primitive heart tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16229, name=outflow tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16231, name=outflow tract endocardial tube, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0]] | | |
| | | | |

| Modified OBOComponent 917 | | | |
|---------------------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16231 has name [endocardial tube] | | |

| Modified OBOComponent 918 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:16230 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16229[outflow tract] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16215, name=primitive heart tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16229, name=outflow tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16230, name=outflow tract cardiac jelly, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16230 has name [cardiac jelly] | | |

| Modified OBOComponent 919 | | | |
|------------------------------------|---|------|-----------------|
| ID | EMAPA:16226 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16225[common atrial chamber] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 919 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16215, name=primitive heart tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16225, name=common atrial chamber, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16226, name=common atrial chamber cardiac jelly, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16226 has name [cardiac jelly] | | |

| Modified OBOComponent 920 | | | |
|------------------------------------|---|------|-----------------|
| ID | EMAPA:16227 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16225[common atrial chamber] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16215, name=primitive heart tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16225, name=common atrial chamber, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16227, name=common atrial | | |

| Modified OBOComponent 920 | | | |
|---------------------------|---|-------------|---------|
| | chamber endocardial tube, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16227 has name [endocardial tube] | | |

| Modified OBOComponent 921 | | | |
|------------------------------------|--|-------------|-----------------|
| ID | EMAPA:16228 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16225[common atrial chamber] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16215, name=primitive heart tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16225, name=common atrial chamber, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16228, name=common atrial chamber cardiac muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16228 has name [cardiac muscle] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16228 has synonyms [myocardium] | | |

| Modified OBOComponent 922 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:16244 | Name | Starts At |
| TS12 | Ends At | TS18 | Primary Parents |
| EMAPA:16240[venous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [| | |

| Modified OBOComponent 922 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16244, name=vitelline vein embryonic part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS18, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16244 has synonyms [omphalomesenteric vein] | | |

| Modified OBOComponent 923 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16238 | Name | Starts At |
| TS12 | Ends At | TS20 | Primary Parents |
| EMAPA:16237[sinus venosus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16237, name=sinus venosus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS20, present=0], OBOComponent [id=EMAPA:16238, name=sinus venosus left horn, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS20, present=0] | | |
| | | | |

| Modified OBOComponent 923 | | | |
|---------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16238 has name [left horn] | | |

| Modified OBOComponent 924 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:16239 | Name | Starts At |
| TS12 | Ends At | TS20 | Primary Parents |
| EMAPA:16237[sinus venosus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16237, name=sinus venosus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS20, present=0], OBOComponent [id=EMAPA:16239, name=sinus venosus right horn, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16239 has name [right horn] | | |

| Modified OBOComponent 925 | | | |
|----------------------------------|---|------|-----------------|
| ID | EMAPA:16236 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16233[primitive ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 925 | | | |
|---------------------------|--|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16215, name=primitive heart tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16233, name=primitive ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0], OBOComponent [id=EMAPA:16236, name=primitive ventricle cardiac muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16236 has name [cardiac muscle] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16236 has synonyms [myocardium] | | |

| Modified OBOComponent 926 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:16251 | Name | Starts At |
| TS12 | Ends At | TS20 | Primary Parents |
| EMAPA:16247[gut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16251, name=hindgut diverticulum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 926 | |
|---------------------------|---|
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16251 has synonyms [hindgut pocket] |

| Modified OBOComponent 927 | | | |
|-----------------------------------|--|-------------|-----------------|
| ID | EMAPA:16250 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16248[foregut diverticulum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16248, name=foregut diverticulum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16250, name=foregut diverticulum endoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16250 has name [endoderm] | | |

| Modified OBOComponent 928 | | | |
|-----------------------------------|---|------|-----------------|
| ID | EMAPA:16253 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16251[hindgut diverticulum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 928 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16251, name=hindgut diverticulum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS20, present=0], OBOComponent [id=EMAPA:16253, name=hindgut diverticulum endoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16253 has name [endoderm] | | |

| Modified OBOComponent 929 | | | |
|-----------------------------------|---|------|-----------------|
| ID | EMAPA:16252 | Name | Starts At |
| TS12 | Ends At | TS16 | Primary Parents |
| EMAPA:16251[hindgut diverticulum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16251, name=hindgut diverticulum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 929 | | | |
|---------------------------|---|-------------|---------|
| | start=TS12, end=TS20, present=0], OBOComponent [id=EMAPA:16252, name=hindgut diverticulum associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16252 has name [associated mesenchyme] | | |

| Modified OBOComponent 930 | | | |
|-----------------------------------|---|-------------|-----------------|
| ID | EMAPA:16254 | Name | Starts At |
| TS12 | Ends At | TS12 | Primary Parents |
| EMAPA:16251[hindgut diverticulum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16251, name=hindgut diverticulum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS20, present=0], OBOComponent [id=EMAPA:16254, name=hindgut diverticulum primordial germ cell, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS12, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16254 has name [primordial germ cells] | | |

| Modified OBOComponent 931 | | | |
|---------------------------|-------------|------|-----------------|
| ID | EMAPA:16257 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16255[midgut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [| | |

| Modified OBOComponent 931 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:16257, name=midgut endoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16257 has name [endoderm] | | |

| Modified OBOComponent 932 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:16256 | Name | Starts At |
| TS12 | Ends At | TS16 | Primary Parents |
| EMAPA:16255[midgut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 932 | | | |
|---------------------------|--|-------------|---------|
| | group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:16256, name=midgut associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16256 has name [associated mesenchyme] | | |

| Modified OBOComponent 933 | | | |
|---------------------------|--|-------------|-----------------|
| ID | EMAPA:16248 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16247[<i>gut</i>] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name= <i>gut</i> , statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16248, name=foregut diverticulum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16248 has synonyms [<i>foregut</i> <i>pocket</i>] | | |

| Modified OBOComponent 934 | | | |
|--|-------------|------|-----------------|
| ID | EMAPA:16249 | Name | Starts At |
| TS12 | Ends At | TS13 | Primary Parents |
| EMAPA:16248[<i>foregut diverticulum</i>] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [| | |

| Modified OBOComponent 934 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16248, name=foregut diverticulum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16249, name=foregut diverticulum associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16249 has name [associated mesenchyme] | | |

| Modified OBOComponent 935 | | | |
|---------------------------------------|---|------|-----------------|
| ID | EMAPA:16260 | Name | Starts At |
| TS12 | Ends At | TS14 | Primary Parents |
| EMAPA:16259[buccopharyngeal membrane] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16258, name=mouth-foregut | | |

| Modified OBOComponent 935 | | | |
|---------------------------|--|-------------|---------|
| | junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0], OBOComponent [id=EMAPA:16259, name=buccopharyngeal membrane, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0], OBOComponent [id=EMAPA:16260, name=buccopharyngeal membrane ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16260 has name [ectoderm] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16260 has synonyms [epithelium] | | |

| Modified OBOComponent 936 | | | |
|---------------------------------------|---|-------------|-----------------|
| ID | EMAPA:16261 | Name | Starts At |
| TS12 | Ends At | TS14 | Primary Parents |
| EMAPA:16259[buccopharyngeal membrane] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16258, name=mouth-foregut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0], OBOComponent [id=EMAPA:16259, name=buccopharyngeal membrane, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0], OBOComponent [id=EMAPA:16261, name=buccopharyngeal membrane endoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16261 has name [endoderm] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16261 has synonyms [endothelium] | | |

| Modified OBOComponent 937 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:26466 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17469[hindlimb digit 4] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:26466, name=hindlimb digit 4 inter-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:26466, name=hindlimb digit 4 inter-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> | | |

Modified OBOComponent 937

```

3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:26466, name=hindlimb digit
4 inter-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]

```

```

4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:26466, name=hindlimb digit
4 inter-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]

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| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26466 has name [inter-phalangeal joint] | | |

Modified OBOComponent 938

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

| Modified OBOComponent 938 | | | |
|---------------------------------|---|------|-----------------|
| ID | EMAPA:17798 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17576[trigeminal V nerve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17576, name=trigeminal V nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17798, name=trigeminal V nerve mandibular division, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00270, name=nerve, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> | | |

| Modified OBOComponent 938 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17576, name=trigeminal V nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17798, name=trigeminal V nerve mandibular division, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17798 has name [mandibular division] | | |

| Modified OBOComponent 939 | | | |
|---------------------------------|---|------|-----------------|
| ID | EMAPA:17799 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17576[trigeminal V nerve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17576, name=trigeminal V nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17799, name=trigeminal V nerve maxillary division, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 939 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00270, name=nerve, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17576, name=trigeminal V nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17799, name=trigeminal V nerve maxillary division, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17799 has name [maxillary division] | | |

| Modified OBOComponent 940 | | | |
|---------------------------------|---|-------------|-----------------|
| ID | EMAPA:16278 | Name | Starts At |
| TS13 | Ends At | TS19 | Primary Parents |
| EMAPA:16272[2nd branchial arch] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16117, name=branchial arch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16272, name=2nd branchial arch, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS19, present=0], OBOComponent [id=EMAPA:16278, name=2nd branchial arch endoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 940 | |
|---------------------------|---|
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16278 has synonyms [endothelium] |

| Modified OBOComponent 941 | | | |
|----------------------------------|---|-------------|-----------------|
| ID | EMAPA:16276 | Name | Starts At |
| TS13 | Ends At | TS19 | Primary Parents |
| EMAPA:16275[2nd branchial pouch] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16117, name=branchial arch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16272, name=2nd branchial arch, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS19, present=0], OBOComponent [id=EMAPA:16275, name=2nd branchial pouch, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS19, present=0], OBOComponent [id=EMAPA:16276, name=2nd branchial pouch endoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16276 has synonyms [endothelium] | | |

| Modified OBOComponent 942 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:16277 | Name | Starts At |
| TS13 | Ends At | TS19 | Primary Parents |
| EMAPA:16272[2nd branchial arch] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16117, name=branchial arch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16272, name=2nd branchial | | |

| Modified OBOComponent 942 | | | |
|---------------------------|--|-------------|---------|
| | arch, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS19, present=0], OBOComponent [id=EMAPA:16277, name=2nd branchial arch ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16277 has synonyms [epithelium] | | |

| Modified OBOComponent 943 | | | |
|-------------------------------------|---|-------------|-----------------|
| ID | EMAPA:16274 | Name | Starts At |
| TS13 | Ends At | TS19 | Primary Parents |
| EMAPA:16273[2nd branchial membrane] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16117, name=branchial arch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16272, name=2nd branchial arch, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS19, present=0], OBOComponent [id=EMAPA:16273, name=2nd branchial membrane, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS19, present=0], OBOComponent [id=EMAPA:16274, name=2nd branchial membrane endoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16274 has synonyms [endothelium] | | |

| Modified OBOComponent 944 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:26472 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17469[hindlimb digit 4] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 944

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:26472, name=hindlimb digit
4 metacarpo-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:26472, name=hindlimb digit
4 metacarpo-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```


| Modified OBOComponent 944 | | | |
|---------------------------|--|---|---------|
| | | group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:26472, name=hindlimb digit 4 metacarpo-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:26472, name=hindlimb digit 4 metacarpo-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26472 has name [metacarpo-phalangeal joint] | | |

| Modified OBOComponent 945 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:26478 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17472[hindlimb digit 5] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 945

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:26478, name=hindlimb digit
5 inter-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:26478, name=hindlimb digit
5 inter-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 945 | | | |
|---------------------------|--|---|---------|
| | | group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:26478, name=hindlimb digit 5 inter-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:26478, name=hindlimb digit 5 inter-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26478 has name [inter-phalangeal joint] | | |

| Modified OBOComponent 946 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16287 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16286[hindbrain posterior to rhombomere 05] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 946 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16286, name=hindbrain posterior to rhombomere 05, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16287, name=hindbrain posterior to rhombomere 05 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16287 has name [floor plate] | | |

| Modified OBOComponent 947 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16288 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16286[hindbrain posterior to rhombomere 05] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 947 | | | |
|---------------------------|--|-------------|---------|
| | start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16286, name=hindbrain posterior to rhombomere 05, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16288, name=hindbrain posterior to rhombomere 05 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16288 has name [neural fold] | | |

| Modified OBOComponent 948 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:16289 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16288[hindbrain posterior to rhombomere 05 neural fold] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16286, name=hindbrain posterior to rhombomere 05, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16288, name=hindbrain posterior to rhombomere 05 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16289, name=hindbrain posterior to rhombomere 05 neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16289 has name [neural crest] | | |

| Modified OBOComponent 949 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:16283 | Name | Starts At |
| TS13 | Ends At | TS22 | Primary Parents |
| EMAPA:16282[pericardio-peritoneal canal] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16282, name=pericardio- peritoneal canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS22, present=0], OBOComponent [id=EMAPA:16283, name=pericardio- peritoneal canal cavity, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16283 has name [cavity] | | |

| Modified OBOComponent 950 | | | |
|--|---|------|-----------------|
| ID | EMAPA:16284 | Name | Starts At |
| TS13 | Ends At | TS22 | Primary Parents |
| EMAPA:16282[pericardio-peritoneal canal] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], | | |

| Modified OBOComponent 950 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16282, name=pericardio-peritoneal canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS22, present=0], OBOComponent [id=EMAPA:16284, name=pericardio-peritoneal canal mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS22, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16284 has name [mesothelium] | | |

| Modified OBOComponent 951 | | | |
|------------------------------|---|-------------|-----------------|
| ID | EMAPA:16285 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16140[future midbrain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16140, name=future midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16285, name=future midbrain roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16285 has name [roof plate] | | |

| Modified OBOComponent 952 | | | |
|-------------------------------|-------------|------|-----------------|
| ID | EMAPA:26484 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17472[hindlimb digit 5] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [| | |

Modified OBOComponent 952

```
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:26484, name=hindlimb digit
5 metacarpo-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:26484, name=hindlimb digit
5 metacarpo-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
```

Modified OBOComponent 952

| | | | |
|---|--|--------------------|---------|
| <pre> statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:26484, name=hindlimb digit 5 metacarpo-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] </pre> | | | |
| <pre> 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:26484, name=hindlimb digit 5 metacarpo-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] </pre> | | | |
| <i>Rule Status</i> | PASSED | <i>Edit Status</i> | CHANGED |
| <i>Comments</i> | 1. Different Name - Referenced OBOComponent EMAPA:26484 has name [metacarpo-phalangeal joint] | | |

Modified OBOComponent 953

| | | | |
|------------------------------------|----------------|-------------|------------------------|
| <i>ID</i> | EMAPA:16282 | <i>Name</i> | <i>Starts At</i> |
| TS13 | <i>Ends At</i> | TS22 | <i>Primary Parents</i> |
| EMAPA:16088[intraembryonic coelom] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Primary Path</i> |
| <i>Alternate Paths</i> | 1. [| | |

| Modified OBOComponent 953 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16282, name=pericardio-peritoneal canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS22, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16282 has synonyms [pericardio-peritoneal channel] | | |

| Modified OBOComponent 954 | | | |
|--|---|------|-----------------|
| ID | EMAPA:16296 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16295[rhombomere 02 neural fold] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16293, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16295, name=rhombomere 02 neural fold, statusChange=CHANGED, | | |

| Modified OBOComponent 954 | | | |
|---------------------------|--|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16296, name=rhombomere 02 neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=TH:00280, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16293, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16295, name=rhombomere 02 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16296, name=rhombomere 02 neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16296 has name [neural crest] | | |

| Modified OBOComponent 955 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16297 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16148[future rhombencephalon] TH:00280[rhombomere] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

Modified OBOComponent 955

| | | | |
|-------------|---|-------------|---------|
| | <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0],</p> <p>OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0],</p> <p>OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0],</p> <p>OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0],</p> <p>OBOComponent [id=EMAPA:16297, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0],</p> <p>OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0],</p> <p>OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0],</p> <p>OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0],</p> <p>OBOComponent [id=TH:00280, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0],</p> <p>OBOComponent [id=EMAPA:16297, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]]</p> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | <p>1. Different Parents - Referenced</p> <p>OBOComponent EMAPA:16297 has parents [EMAPA:16148, TH:00280]</p> | | |

Modified OBOComponent 956

| ID | EMAPA:16294 | Name | Starts At |
|----|-------------|------|-----------|
| | | | |

| Modified OBOComponent 956 | | | |
|----------------------------|---|------|-----------------|
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16293[rhombomere 02] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <pre> 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16293, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16294, name=rhombomere 02 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=TH:00280, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, </pre> | | |

| Modified OBOComponent 956 | | | |
|---------------------------|---|-------------|---------|
| | start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16293, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16294, name=rhombomere 02 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16294 has name [floor plate] | | |

| Modified OBOComponent 957 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16295 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16293[rhombomere 02] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16293, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16295, name=rhombomere 02 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

Modified OBOComponent 957

| | | | |
|--|--|-------------|---------|
| OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=TH:00280, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16293, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16295, name=rhombomere 02 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16295 has name [neural fold] | | |

Modified OBOComponent 958

| | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16298 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16297[rhombomere 03] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16297, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, | | |

| Modified OBOComponent 958 | | | |
|---------------------------|--|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16298, name=rhombomere 03 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=TH:00280, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16297, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16298, name=rhombomere 03 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16298 has name [floor plate] | | |

| Modified OBOComponent 959 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16299 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16297[rhombomere 03] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 959

| | |
|-------------|--|
| | <pre> group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16297, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16299, name=rhombomere 03 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=TH:00280, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16297, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16299, name=rhombomere 03 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] </pre> |
| Rule Status | <div>PASSED</div> <div>Edit Status</div> <div>CHANGED</div> |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16299 has name [neural fold] |

Modified OBOComponent 960

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

| Modified OBOComponent 960 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16292 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16290[rhombomere 01] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0],</p> <p>OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0],</p> <p>OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0],</p> <p>OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0],</p> <p>OBOComponent [id=EMAPA:16290, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0],</p> <p>OBOComponent [id=EMAPA:16292, name=rhombomere 01 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0],</p> <p>OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0],</p> <p>OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0],</p> <p>OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0],</p> <p>OBOComponent [id=TH:00280, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD,</p> | | |

| Modified OBOComponent 960 | | | |
|---------------------------|--|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16290, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16292, name=rhombomere 01 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16292 has name [neural fold] | | |

| Modified OBOComponent 961 | | | |
|--|---|------|-----------------|
| ID | EMAPA:16293 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| TH:00280[rhombomere] EMAPA:16148[future rhombencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16293, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 961 | | | |
|---|--|-------------|---------|
| start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=TH:00280, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16293, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16293 has parents [TH:00280, EMAPA:16148] | | |

| Modified OBOComponent 962 | | | |
|--|---|------|-----------------|
| ID | EMAPA:16290 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| TH:00280[rhombomere] EMAPA:16148[future rhombencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16290, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 962 | | | |
|---------------------------|---|---|---------|
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=TH:00280, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16290, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16290 has parents [TH:00280, EMAPA:16148] | | |

| Modified OBOComponent 963 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16291 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16290[rhombomere 01] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future | | |

| Modified OBOComponent 963 | | | |
|---------------------------|--|-------------|---------|
| | rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16290, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16291, name=rhombomere 01 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=TH:00280, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16290, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16291, name=rhombomere 01 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16291 has name [floor plate] | | |

| Modified OBOComponent 964 | | | |
|---------------------------------------|--|------|-----------------|
| ID | EMAPA:29205 | Name | Starts At |
| TS21 | Ends At | TS22 | Primary Parents |
| EMAPA:17969[genital tubercle of male] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

Modified OBOComponent 964

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17381, name=reproductive
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17968, name=male
reproductive system, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28533, name=male associated
reproductive structure, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS23,
end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17969, name=genital
tubercle of male, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:29205, name=distal genital
tubercle of male, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS22, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17381, name=reproductive
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17968, name=male
reproductive system, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:30977, name=male external
genitalia, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS23,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17969, name=genital
tubercle of male, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:29205, name=distal genital
tubercle of male, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
```

Modified OBOComponent 964

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17381, name=reproductive
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17968, name=male
reproductive system, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28533, name=male associated
reproductive structure, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS23,
end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17969, name=genital
tubercle of male, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:29205, name=distal genital
tubercle of male, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17381, name=reproductive
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17968, name=male
reproductive system, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17969, name=genital
tubercle of male, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:29205, name=distal genital
tubercle of male, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS22, present=0 ]]
```

```
5. [
```


Modified OBOComponent 964

| | | | |
|-------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:30977, name=male external genitalia, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS23, end=TS28, present=0], OBOComponent [id=EMAPA:17969, name=genital tubercle of male, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS24, present=0], OBOComponent [id=EMAPA:29205, name=distal genital tubercle of male, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS22, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:29205 has synonyms [glans of male] | | |

Modified OBOComponent 965

| | | | |
|----------------------------------|--|------|-----------------|
| ID | EMAPA:17758 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17524[integumental system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 965 | | | |
|---------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17758, name=integumental system gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17758 has name [gland] | | |

| Modified OBOComponent 966 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:17754 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17752[sublingual gland primordium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16723, name=oral region gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17751, name=salivary gland, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17752, name=sublingual gland primordium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0], OBOComponent [id=EMAPA:17754, name=sublingual gland primordium mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17754 has name [mesenchyme] | | |

| Modified OBOComponent 967 | | | |
|---------------------------|--|--|--|
| | | | |

| Modified OBOComponent 967 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:17757 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17755[submandibular gland primordium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16723, name=oral region gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17751, name=salivary gland, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17755, name=submandibular gland primordium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0], OBOComponent [id=EMAPA:17757, name=submandibular gland primordium mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17757 has name [mesenchyme] | | |

| Modified OBOComponent 968 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17756 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17755[submandibular gland primordium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 968 | | | |
|---------------------------|---|-------------|---------|
| | group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16723, name=oral region gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17751, name=salivary gland, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17755, name=submandibular gland primordium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0], OBOComponent [id=EMAPA:17756, name=submandibular gland primordium epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17756 has name [epithelium] | | |

| Modified OBOComponent 969 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17761 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17759[mammary gland] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17758, name=integumental system gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 969 | | | |
|---------------------------|--|-------------|---------|
| | start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17759, name=mammary gland, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17761, name=mammary gland mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17761 has name [mesenchyme] | | |

| Modified OBOComponent 970 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:17762 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17529[vibrissa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17525, name=skin, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17529, name=vibrissa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17762, name=vibrissa dermal component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17762 has name [dermal component] | | |

| Modified OBOComponent 971 | | | |
|---------------------------|---|------|-----------------|
| ID | EMAPA:17763 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17529[vibrissa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 971 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17525, name=skin, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17529, name=vibrissa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17763, name=vibrissa epidermal component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17763 has name [epidermal component] | | |

| Modified OBOComponent 972 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17764 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:16896[diencephalon] TH:00044[brain meninges] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00040, name=meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00044, name=brain meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],] | | |

Modified OBOComponent 972

```
OBOComponent [ id=EMAPA:17764, name=diencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17764, name=diencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16895, name=forebrain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16896, name=diencephalon,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17764, name=diencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 972 | | | |
|---------------------------|--|---|---------|
| | | group=false, start=TS21, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17764 has name [meninges] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17764 has parents [EMAPA:16896, TH:00044] | | |

| Modified OBOComponent 973 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17760 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17759[mammary gland] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17758, name=integumental system gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17759, name=mammary gland, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17760, name=mammary gland epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17760 has name [epithelium] | | |

| Modified OBOComponent 974 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:28506 | Name | Starts At |
| TS22 | Ends At | TS28 | Primary Parents |
| EMAPA:17952[renal cortex] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

| Modified OBOComponent 974 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17952, name=renal cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28506, name=developing capillary loop stage nephron GROUP, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Primary Status - Referenced OBOComponent was a Primary component. | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:28506 has synonyms [stage III nephron] | | |

| Modified OBOComponent 975 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17769 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17548[choroid invagination] TH:00020[choroid plexus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 975 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00020, name=choroid plexus, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17769, name=lateral ventricle choroid plexus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17548, name=choroid invagination, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17769, name=lateral ventricle choroid plexus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17769 has name [choroid plexus] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17769 has parents [EMAPA:17548, TH:00020] | | |

| Modified OBOComponent 976 | | | |
|--|-------------|------|-----------------|
| ID | EMAPA:17767 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00047[brain pia mater] EMAPA:17764[diencephalon meninges] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [| | |

Modified OBOComponent 976

```
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00047, name=brain pia mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17767, name=diencephalon
pia mater, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17764, name=diencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17767, name=diencephalon
pia mater, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

Modified OBOComponent 976

```

3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00043, name=pia mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00047, name=brain pia mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17767, name=diencephalon
pia mater, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]

```

```

4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00047, name=brain pia mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17767, name=diencephalon
pia mater, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,

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Modified OBOComponent 976

```
group=false, start=TS21, end=TS26, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17764, name=diencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17767, name=diencephalon
pia mater, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16895, name=forebrain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16896, name=diencephalon,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17764, name=diencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
```

| Modified OBOComponent 976 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17767, name=diencephalon pia mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17767 has name [pia mater] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17767 has parents [TH:00047, EMAPA:17764] | | |

| Modified OBOComponent 977 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17766 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00046[brain dura mater] EMAPA:17764[diencephalon meninges] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00040, name=meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00044, name=brain meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00046, name=brain dura mater, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17766, name=diencephalon dura mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED,</p> | | |

Modified OBOComponent 977

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17764, name=diencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17766, name=diencephalon
dura mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00042, name=dura mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00046, name=brain dura mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17766, name=diencephalon
dura mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 977

```
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00046, name=brain dura mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17766, name=diencephalon
dura mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17764, name=diencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17766, name=diencephalon
dura mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
```

| Modified OBOComponent 977 | | | |
|---------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17764, name=diencephalon meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17766, name=diencephalon dura mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17766 has name [dura mater] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17766 has parents [TH:00046, EMAPA:17764] | | |

| Modified OBOComponent 978 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17765 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00045[brain arachnoid mater] EMAPA:17764[diencephalon meninges] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, | | |

Modified OBOComponent 978

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00041, name=arachnoid mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00045, name=brain arachnoid
mater, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17765, name=diencephalon
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00045, name=brain arachnoid
mater, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17765, name=diencephalon
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
```


Modified OBOComponent 978

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17764, name=diencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17765, name=diencephalon
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00045, name=brain arachnoid
mater, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17765, name=diencephalon
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 978

```
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17764, name=diencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17765, name=diencephalon
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16895, name=forebrain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16896, name=diencephalon,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17764, name=diencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17765, name=diencephalon
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

| | | | |
|-------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17765 has name [arachnoid mater] | | |
| | | | |

Modified OBOComponent 978

2. Different Parents - Referenced
OBOComponent EMAPA:17765 has parents [TH:00045,
EMAPA:17764]

Modified OBOComponent 979

| | | | |
|---|--|------|-----------------|
| ID | EMAPA:17774 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00044[brain meninges] EMAPA:16910[telencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00040, name=meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00044, name=brain meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17774, name=telencephalon meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> | | |

Modified OBOComponent 979

| | | | |
|--|--|--------------------|---------|
| <pre> group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00044, name=brain meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17774, name=telencephalon meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] </pre> | | | |
| <pre> 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17774, name=telencephalon meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] </pre> | | | |
| <i>Rule Status</i> | PASSED | <i>Edit Status</i> | CHANGED |
| <i>Comments</i> | 1. Different Name - Referenced OBOComponent EMAPA:17774 has name [meninges] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17774 has parents [TH:00044, EMAPA:16910] | | |

Modified OBOComponent 980

| | | | |
|---|--|-------------|------------------------|
| <i>ID</i> | EMAPA:17775 | <i>Name</i> | <i>Starts At</i> |
| TS21 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17774[telencephalon meninges] TH:00045[brain arachnoid mater] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Primary Path</i> |
| <i>Alternate Paths</i> | <pre> 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], </pre> | | |

Modified OBOComponent 980

```
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00041, name=arachnoid mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00045, name=brain arachnoid
mater, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17775, name=telencephalon
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00045, name=brain arachnoid
mater, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17775, name=telencephalon
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
```

Modified OBOComponent 980

```

statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17774, name=telencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17775, name=telencephalon
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]

```

```

4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00045, name=brain arachnoid
mater, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17775, name=telencephalon
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]

```

```

5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,

```


Modified OBOComponent 980

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17774, name=telencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17775, name=telencephalon
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16895, name=forebrain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16910, name=telencephalon,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17774, name=telencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17775, name=telencephalon
arachnoid mater, statusChange=CHANGED,
```

| | | | |
|----------------------------------|---|-------------|---------|
| Modified OBOComponent 980 | | | |
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17775 has name [arachnoid mater] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17775 has parents [EMAPA:17774, TH:00045] | | |

| | | | |
|----------------------------------|---|------|-----------------|
| Modified OBOComponent 981 | | | |
| ID | EMAPA:17772 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:16914[lateral ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00036, name=brain ventricle, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16914, name=lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17772, name=posterior horn of lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED,</p> | | |

| Modified OBOComponent 981 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16914, name=lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17772, name=posterior horn of lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17772 has name [posterior horn] | | |

| Modified OBOComponent 982 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:17773 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:16914[lateral ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00036, name=brain ventricle, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], | | |

| Modified OBOComponent 982 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16914, name=lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17773, name=superior horn of lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16914, name=lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17773, name=superior horn of lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17773 has name [superior horn] | | |

| Modified OBOComponent 983 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:17770 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:16914[lateral ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 983

```
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00036, name=brain ventricle,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16914, name=lateral
ventricle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17770, name=anterior horn
of lateral ventricle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16895, name=forebrain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16910, name=telencephalon,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16914, name=lateral
ventricle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17770, name=anterior horn
of lateral ventricle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

Rule Status

PASSED

Edit Status

CHANGED

Modified OBOComponent 983

| | |
|----------|--|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17770 has name [anterior horn] |
|----------|--|

Modified OBOComponent 984

| | | | |
|--------------------------------|-------------|------|-----------------|
| ID | EMAPA:17771 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:16914[lateral ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

| | |
|-----------------|---|
| Alternate Paths | <pre>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00036, name=brain ventricle, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16914, name=lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17771, name=inferior horn of lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</pre> |
|-----------------|---|

| Modified OBOComponent 984 | | | |
|---------------------------|--|-------------|---------|
| | group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16914, name=lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17771, name=inferior horn of lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17771 has name [inferior horn] | | |

| Modified OBOComponent 985 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17777 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00047[brain pia mater] EMAPA:17774[telencephalon meninges] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00040, name=meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00044, name=brain meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00047, name=brain pia mater, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17777, name=telencephalon pia mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |

Modified OBOComponent 985

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17774, name=telencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17777, name=telencephalon
pia mater, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00043, name=pia mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00047, name=brain pia mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17777, name=telencephalon
pia mater, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

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```
group=false, start=TS21, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00047, name=brain pia mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17777, name=telencephalon
pia mater, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17774, name=telencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17777, name=telencephalon
pia mater, statusChange=CHANGED, statusRule=PASSED,
```

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| | | | |
|--|--|-------------|---------|
| dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | | |
| 6. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17774, name=telencephalon meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17777, name=telencephalon pia mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17777 has name [pia mater] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17777 has parents [TH:00047, EMAPA:17774] | | |

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| | | | |
|--|---|------|-----------------|
| ID | EMAPA:17776 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17774[telencephalon meninges] TH:00046[brain dura mater] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

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```
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00046, name=brain dura mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17776, name=telencephalon
dura mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17774, name=telencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17776, name=telencephalon
dura mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
```

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```
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00042, name=dura mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00046, name=brain dura mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17776, name=telencephalon
dura mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00046, name=brain dura mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17776, name=telencephalon
dura mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
```


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```

statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17774, name=telencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17776, name=telencephalon
dura mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]

```

```

6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16895, name=forebrain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16910, name=telencephalon,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17774, name=telencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17776, name=telencephalon
dura mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]

```

| Modified OBOComponent 986 | | | |
|---------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17776 has name [dura mater] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17776 has parents [EMAPA:17774, TH:00046] | | |

| Modified OBOComponent 987 | | | |
|-------------------------------|---|-------------|-----------------|
| ID | EMAPA:17780 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17779[olfactory cortex] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17778, name=olfactory lobe, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17779, name=olfactory cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17780, name=olfactory cortex mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17780 has name [mantle layer] | | |

| Modified OBOComponent 988 | | | |
|---------------------------|-------------|------|-----------|
| ID | EMAPA:17781 | Name | Starts At |
| | | | |

| Modified OBOComponent 988 | | | |
|-------------------------------|---|-------------|-----------------|
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17779[olfactory cortex] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17778, name=olfactory lobe, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17779, name=olfactory cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17781, name=olfactory cortex marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17781 has name [marginal layer] | | |

| Modified OBOComponent 989 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:17782 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17779[olfactory cortex] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 989 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17778, name=olfactory lobe, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17779, name=olfactory cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17782, name=olfactory cortex ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17782 has name [ventricular layer] | | |

| Modified OBOComponent 990 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17783 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00044[brain meninges] EMAPA:16916[hindbrain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], | | |

Modified OBOComponent 990

```
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17783, name=hindbrain
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17783, name=hindbrain
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 990 | | | |
|---------------------------|--|-------------|---------|
| | group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17783, name=hindbrain meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17783 has name [meninges] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17783 has parents [TH:00044, EMAPA:16916] | | |

| Modified OBOComponent 991 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17784 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17783[hindbrain meninges] TH:00045[brain arachnoid mater] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00040, name=meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00041, name=arachnoid mater, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00045, name=brain arachnoid mater, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17784, name=hindbrain arachnoid mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 991

```
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00045, name=brain arachnoid
mater, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17784, name=hindbrain
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17783, name=hindbrain
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17784, name=hindbrain
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
```

Modified OBOComponent 991

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00045, name=brain arachnoid
mater, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17784, name=hindbrain
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17783, name=hindbrain
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17784, name=hindbrain
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
```

| Modified OBOComponent 991 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17783, name=hindbrain meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17784, name=hindbrain arachnoid mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17784 has name [arachnoid mater] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17784 has parents [EMAPA:17783, TH:00045] | | |

| Modified OBOComponent 992 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17785 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00046[brain dura mater] EMAPA:17783[hindbrain meninges] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, | | |

Modified OBOComponent 992

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00046, name=brain dura mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17785, name=hindbrain dura
mater, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17783, name=hindbrain
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17785, name=hindbrain dura
mater, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
```

Modified OBOComponent 992

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00042, name=dura mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00046, name=brain dura mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17785, name=hindbrain dura
mater, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00046, name=brain dura mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17785, name=hindbrain dura
mater, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
```

Modified OBOComponent 992

```
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17783, name=hindbrain
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17785, name=hindbrain dura
mater, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17783, name=hindbrain
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17785, name=hindbrain dura
mater, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

| | | | |
|-------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | <p>1. Different Name - Referenced OBOComponent EMAPA:17785 has name [dura mater]</p> <p>2. Different Parents - Referenced OBOComponent EMAPA:17785 has parents [TH:00046, EMAPA:17783]</p> | | |

Modified OBOComponent 993

| | | | |
|------|-------------|------|-----------------|
| ID | EMAPA:17786 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| | | | |

| Modified OBOComponent 993 | | |
|---|---|---------------|
| TH:00047[brain pia mater] EMAPA:17783[hindbrain meninges] | | Group Parents |
| | | Synonyms |
| [] | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00040, name=meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00044, name=brain meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00047, name=brain pia mater, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17786, name=hindbrain pia mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00040, name=meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00044, name=brain meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17783, name=hindbrain</p> | |

Modified OBOComponent 993

```
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17786, name=hindbrain pia
mater, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00043, name=pia mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00047, name=brain pia mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17786, name=hindbrain pia
mater, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
```

Modified OBOComponent 993

```
OBOComponent [ id=TH:00047, name=brain pia mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17786, name=hindbrain pia
mater, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17783, name=hindbrain
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17786, name=hindbrain pia
mater, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

| Modified OBOComponent 993 | | | |
|---------------------------|---|-------------|---------|
| | start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17783, name=hindbrain meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17786, name=hindbrain pia mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17786 has name [pia mater] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17786 has parents [TH:00047, EMAPA:17783] | | |

| Modified OBOComponent 994 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:17789 | Name | Starts At |
| TS21 | Ends At | TS22 | Primary Parents |
| EMAPA:17787[cerebellum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17073, name=metencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17787, name=cerebellum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], | | |

| Modified OBOComponent 994 | | | |
|---------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:17789, name=cerebellum marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS22, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17789 has name [marginal layer] | | |

| Modified OBOComponent 995 | | | |
|---------------------------|---|-------------|-----------------|
| ID | EMAPA:17788 | Name | Starts At |
| TS21 | Ends At | TS22 | Primary Parents |
| EMAPA:17787[cerebellum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17073, name=metencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17787, name=cerebellum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17788, name=cerebellum mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent | | |

Modified OBOComponent 995

EMAPA:17788 has name [mantle layer]

Modified OBOComponent 996

| | | | |
|---|--|------|-----------------|
| ID | EMAPA:17792 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00045[brain arachnoid mater] EMAPA:17791[midbrain meninges] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <pre>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00040, name=meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00041, name=arachnoid mater, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00045, name=brain arachnoid mater, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17792, name=midbrain arachnoid mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</pre> | | |

Modified OBOComponent 996

```
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00045, name=brain arachnoid
mater, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17792, name=midbrain
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17791, name=midbrain
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17792, name=midbrain
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
```

Modified OBOComponent 996

```
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00045, name=brain arachnoid
mater, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17792, name=midbrain
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17791, name=midbrain
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17792, name=midbrain
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
```

| Modified OBOComponent 996 | | | |
|---------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16974, name=midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17791, name=midbrain meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17792, name=midbrain arachnoid mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17792 has name [arachnoid mater] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17792 has parents [TH:00045, EMAPA:17791] | | |

| Modified OBOComponent 997 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17793 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00046[brain dura mater] EMAPA:17791[midbrain meninges] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00040, name=meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00044, name=brain meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00046, name=brain dura mater, statusChange=NEW, statusRule=PASSED, dbID=TBD, | | |

Modified OBOComponent 997

```
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17793, name=midbrain dura
mater, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17791, name=midbrain
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17793, name=midbrain dura
mater, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00042, name=dura mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00046, name=brain dura mater,
```

Modified OBOComponent 997

```
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17793, name=midbrain dura
mater, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00046, name=brain dura mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17793, name=midbrain dura
mater, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
```

| Modified OBOComponent 997 | | | |
|---------------------------|--|---|---------|
| | | OBOComponent [id=EMAPA:17791, name=midbrain meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17793, name=midbrain dura mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | |
| | | 6. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16974, name=midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17791, name=midbrain meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17793, name=midbrain dura mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17793 has name [dura mater] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17793 has parents [TH:00046, EMAPA:17791] | | |

| Modified OBOComponent 998 | | | |
|---------------------------|--|------|-----------------|
| ID | EMAPA:17790 | Name | Starts At |
| TS21 | Ends At | TS22 | Primary Parents |
| EMAPA:17787[cerebellum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 998 | | | |
|---------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17073, name=metencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17787, name=cerebellum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17790, name=cerebellum ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17790 has name [ventricular layer] | | |

| Modified OBOComponent 999 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17791 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:16974[midbrain] TH:00044[brain meninges] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, | | |

Modified OBOComponent 999

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17791, name=midbrain
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17791, name=midbrain
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
```

| Modified OBOComponent 999 | | | |
|---------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16974, name=midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17791, name=midbrain meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17791 has name [meninges] 2. Different Parents - Referenced OBOComponent EMAPA:17791 has parents [EMAPA:16974, TH:00044] | | |

| Modified OBOComponent 1000 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17796 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17264[cranial nerve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17796, name=facial VII nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1000 | | | |
|----------------------------|---|--|---------|
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00270, name=nerve, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17796, name=facial VII nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17796 has name [facial VII] | | |

| Modified OBOComponent 1001 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17797 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17264[cranial nerve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17797, name=olfactory I nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1001 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS21, end=TS26, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00270, name=nerve, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17797, name=olfactory I nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17797 has name [olfactory I] | | |

| Modified OBOComponent 1002 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17794 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17791[midbrain meninges] TH:00047[brain pia mater] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, | | |

Modified OBOComponent 1002

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00047, name=brain pia mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17794, name=midbrain pia
mater, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17791, name=midbrain
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17794, name=midbrain pia
mater, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
```


Modified OBOComponent 1002

```
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00043, name=pia mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00047, name=brain pia mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17794, name=midbrain pia
mater, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00047, name=brain pia mater,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17794, name=midbrain pia
mater, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
```

| Modified OBOComponent 1002 | | | |
|----------------------------|--|--|---------|
| | | OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00044, name=brain meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17791, name=midbrain meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17794, name=midbrain pia mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | |
| | | 6. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16974, name=midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17791, name=midbrain meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17794, name=midbrain pia mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17794 has name [pia mater] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17794 has parents [EMAPA:17791, TH:00047] | | |

| Modified OBOComponent 1003 | | | |
|--|-------------|------|-----------------|
| ID | EMAPA:17731 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:17471[hindlimb digit 4 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| | | | |

Modified OBOComponent 1003

| [] | Primary Path |
|-----------------|---|
| Alternate Paths | <p>1. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17471, name=hindlimb digit 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17731, name=hindlimb digit 4 metatarsus pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]]</pre> <p>2. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17471, name=hindlimb digit 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17731, name=hindlimb digit 4 metatarsus pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD,</pre> |

Modified OBOComponent 1003

```
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17471, name=hindlimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17731, name=hindlimb digit
4 metatarsus pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17471, name=hindlimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17731, name=hindlimb digit
4 metatarsus pre-cartilage condensation,
```

| Modified OBOComponent 1003 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17731 has name [metatarsus pre-cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17731 has synonyms [metatarsal pre-cartilage condensation] | | |

| Modified OBOComponent 1004 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17730 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:17468[hindlimb digit 3 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17468, name=hindlimb digit 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17730, name=hindlimb digit 3 phalanx pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> | | |

Modified OBOComponent 1004

```
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17468, name=hindlimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17730, name=hindlimb digit
3 phalanx pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17468, name=hindlimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17730, name=hindlimb digit
3 phalanx pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```


| Modified OBOComponent 1004 | | | |
|---|--|-------------|---------|
| group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17468, name=hindlimb digit 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17730, name=hindlimb digit 3 phalanx pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17730 has name [phalanx pre-cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17730 has synonyms [phalangeal pre-cartilage condensation] | | |

| Modified OBOComponent 1005 | | | |
|-----------------------------|---|------|-----------------|
| ID | EMAPA:27143 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17042[rest of midgut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1005 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17042, name=rest of midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:27143, name=rest of midgut serosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27143 has name [serosa] | | |

| Modified OBOComponent 1006 | | | |
|-----------------------------|--|-------------|-----------------|
| ID | EMAPA:27141 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17042[rest of midgut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17042, name=rest of midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:27141, name=rest of midgut muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27141 has name [muscularis] | | |

| Modified OBOComponent 1007 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:27147 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| | | | |

| | | | |
|------------------------------------|--|---------------|---------|
| Modified OBOComponent 1007 | | | |
| EMAPA:27137[rest of midgut mucosa] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17042, name=rest of midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:27137, name=rest of midgut mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27147, name=rest of midgut lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27147 has name [lamina propria] | | |

| Modified OBOComponent 1008 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:27145 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27137[rest of midgut mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 1008 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17042, name=rest of midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:27137, name=rest of midgut mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27145, name=rest of midgut epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27145 has name [epithelium] | | |

| Modified OBOComponent 1009 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17729 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:17468[hindlimb digit 3 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, | | |

Modified OBOComponent 1009

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17468, name=hindlimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17729, name=hindlimb digit
3 metatarsus pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17468, name=hindlimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17729, name=hindlimb digit
3 metatarsus pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
```

| Modified OBOComponent 1009 | | | |
|----------------------------|--|---|---------|
| | | 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17468, name=hindlimb digit 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17729, name=hindlimb digit 3 metatarsus pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17468, name=hindlimb digit 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17729, name=hindlimb digit 3 metatarsus pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17729 has name [metatarsus pre-cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17729 has synonyms [metatarsal pre-cartilage condensation] | | |

| Modified OBOComponent 1010 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:27139 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17042[rest of midgut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 1010 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17042, name=rest of midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:27139, name=rest of midgut submucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27139 has name [submucosa] | | |

| Modified OBOComponent 1011 | | | |
|-----------------------------|---|------|-----------------|
| ID | EMAPA:27137 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17042[rest of midgut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, | | |

| Modified OBOComponent 1011 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17042, name=rest of midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:27137, name=rest of midgut mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27137 has name [mucosa] | | |

| Modified OBOComponent 1012 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17721 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:17440[forelimb digit 4 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17440, name=forelimb digit 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17721, name=forelimb digit 4 phalanx pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

Modified OBOComponent 1012

```
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17440, name=forelimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17721, name=forelimb digit
4 phalanx pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17440, name=forelimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17721, name=forelimb digit
4 phalanx pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 1012 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17440, name=forelimb digit 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17721, name=forelimb digit 4 phalanx pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17721 has name [phalanx pre-cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17721 has synonyms [phalangeal pre-cartilage condensation] | | |

| Modified OBOComponent 1013 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17722 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:17443[forelimb digit 5 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

Modified OBOComponent 1013

```
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17443, name=forelimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17722, name=forelimb digit
5 metacarpus pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17443, name=forelimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17722, name=forelimb digit
5 metacarpus pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
```

| Modified OBOComponent 1013 | | | |
|----------------------------|--|---|---------|
| | | newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17443, name=forelimb digit 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17722, name=forelimb digit 5 metacarpus pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17443, name=forelimb digit 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17722, name=forelimb digit 5 metacarpus pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17722 has name [metacarpus pre-cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17722 has synonyms [metacarpal pre-cartilage condensation] | | |

| Modified OBOComponent 1014 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17723 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:17443[forelimb digit 5 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 1014

```
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17443, name=forelimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17723, name=forelimb digit
5 phalanx pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17443, name=forelimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17723, name=forelimb digit
5 phalanx pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
```

Modified OBOComponent 1014

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17443, name=forelimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17723, name=forelimb digit
5 phalanx pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17443, name=forelimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17723, name=forelimb digit
5 phalanx pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

| | | | |
|-------------|--------|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| | | | |

| Modified OBOComponent 1014 | |
|----------------------------|--|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17723 has name [phalanx pre-cartilage condensation] |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17723 has synonyms [phalangeal pre-cartilage condensation] |

| Modified OBOComponent 1015 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17724 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| TH:00128[handplate pre-cartilage condensation] EMAPA:17457[handplate mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17457, name=handplate mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00128, name=handplate pre- cartilage condensation, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0], OBOComponent [id=EMAPA:17724, name=carpus pre- cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]]</pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</pre> <p>]</p> | | |

Modified OBOComponent 1015

```
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17457, name=handplate
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17724, name=carpus pre-
cartilage condensation, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17457, name=handplate
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00128, name=handplate pre-
cartilage condensation, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ],
OBOComponent [ id=EMAPA:17724, name=carpus pre-
cartilage condensation, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17457, name=handplate
```

| Modified OBOComponent 1015 | | | |
|----------------------------|--|-------------|---------|
| | mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17724, name=carpus pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17724 has parents [TH:00128, EMAPA:17457] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17724 has synonyms [carpal pre-cartilage condensation] | | |

| Modified OBOComponent 1016 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17725 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:17462[hindlimb digit 1 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17462, name=hindlimb digit 1 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17725, name=hindlimb digit 1 metatarsus pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED,</p> | | |

Modified OBOComponent 1016

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17462, name=hindlimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17725, name=hindlimb digit
1 metatarsus pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17462, name=hindlimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17725, name=hindlimb digit
1 metatarsus pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
```


| Modified OBOComponent 1016 | | | |
|---|--|-------------|---------|
| statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17462, name=hindlimb digit 1 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17725, name=hindlimb digit 1 metatarsus pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17725 has name [metatarsus pre-cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17725 has synonyms [metatarsal pre-cartilage condensation] | | |

| Modified OBOComponent 1017 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17726 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:17462[hindlimb digit 1 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, | | |

Modified OBOComponent 1017

```
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17462, name=hindlimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17726, name=hindlimb digit
1 phalanx pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17462, name=hindlimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17726, name=hindlimb digit
1 phalanx pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
```

| Modified OBOComponent 1017 | | | |
|----------------------------|--|--|---------|
| | | OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17462, name=hindlimb digit 1 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17726, name=hindlimb digit 1 phalanx pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17462, name=hindlimb digit 1 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17726, name=hindlimb digit 1 phalanx pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17726 has name [phalanx pre-cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17726 has synonyms [phalangeal pre-cartilage condensation] | | |

| Modified OBOComponent 1018 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17727 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:17465[hindlimb digit 2 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

Modified OBOComponent 1018

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17465, name=hindlimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17727, name=hindlimb digit
2 metatarsus pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17465, name=hindlimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17727, name=hindlimb digit
2 metatarsus pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
3. [
```

Modified OBOComponent 1018

```
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17465, name=hindlimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17727, name=hindlimb digit
2 metatarsus pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17465, name=hindlimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17727, name=hindlimb digit
2 metatarsus pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

| Modified OBOComponent 1018 | | | |
|----------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17727 has name [metatarsus pre-cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17727 has synonyms [metatarsal pre-cartilage condensation] | | |

| Modified OBOComponent 1019 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17728 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:17465[hindlimb digit 2 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17465, name=hindlimb digit 2 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17728, name=hindlimb digit 2 phalanx pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> | | |

Modified OBOComponent 1019

```
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17465, name=hindlimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17728, name=hindlimb digit
2 phalanx pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17465, name=hindlimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17728, name=hindlimb digit
2 phalanx pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
```

| Modified OBOComponent 1019 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17465, name=hindlimb digit 2 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17728, name=hindlimb digit 2 phalanx pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17728 has name [phalanx pre-cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17728 has synonyms [phalangeal pre-cartilage condensation] | | |

| Modified OBOComponent 1020 | | | |
|----------------------------------|--|------|-----------------|
| ID | EMAPA:28561 | Name | Starts At |
| TS20 | Ends At | TS24 | Primary Parents |
| EMAPA:27711[ureteral mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17950, name=ureter, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27711, name=ureteral mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS24, present=0], OBOComponent [id=EMAPA:28561, name=ureteral | | |

| Modified OBOComponent 1020 | | | |
|----------------------------|--|-------------|---------|
| | mesenchyme subepithelial layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS24, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:28561 has name [subepithelial layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:28561 has synonyms [presumptive lamina propria] | | |

| Modified OBOComponent 1021 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17720 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:17440[forelimb digit 4 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17440, name=forelimb digit 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17720, name=forelimb digit 4 metacarpus pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> | | |

Modified OBOComponent 1021

```
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17440, name=forelimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17720, name=forelimb digit
4 metacarpus pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17440, name=forelimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17720, name=forelimb digit
4 metacarpus pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 1021 | | | |
|----------------------------|--|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17440, name=forelimb digit 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17720, name=forelimb digit 4 metacarpus pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17720 has name [metacarpus pre-cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17720 has synonyms [metacarpal pre-cartilage condensation] | | |

| Modified OBOComponent 1022 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:27151 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17886[stomach fundus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1022 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17886, name=stomach fundus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0], OBOComponent [id=EMAPA:27151, name=stomach fundus mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27151 has name [mucosa] | | |

| Modified OBOComponent 1023 | | | |
|-----------------------------|--|-------------|-----------------|
| ID | EMAPA:27153 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17886[stomach fundus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17886, name=stomach fundus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0], OBOComponent [id=EMAPA:27153, name=stomach fundus submucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27153 has name [submucosa] | | |

| Modified OBOComponent 1024 | | | |
|-----------------------------|--|-------------|-----------------|
| ID | EMAPA:27155 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17886[stomach fundus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17886, name=stomach fundus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0], OBOComponent [id=EMAPA:27155, name=stomach fundus muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27155 has name [muscularis] | | |

| Modified OBOComponent 1025 | | | |
|-----------------------------|---|------|-----------------|
| ID | EMAPA:27157 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17886[stomach fundus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1025 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17886, name=stomach fundus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0], OBOComponent [id=EMAPA:27157, name=stomach fundus serosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27157 has name [serosa] | | |

| Modified OBOComponent 1026 | | | |
|------------------------------------|---|------|-----------------|
| ID | EMAPA:27149 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27137[rest of midgut mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1026 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17042, name=rest of midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:27137, name=rest of midgut mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27149, name=rest of midgut muscularis mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27149 has name [muscularis mucosa] | | |

| Modified OBOComponent 1027 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17718 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:17437[forelimb digit 3 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17437, name=forelimb digit 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17718, name=forelimb digit 3 metacarpus pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | | |
| | 2. [| | |

Modified OBOComponent 1027

```
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17437, name=forelimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17718, name=forelimb digit
3 metacarpus pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17437, name=forelimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17718, name=forelimb digit
3 metacarpus pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
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| Modified OBOComponent 1027 | | | |
|----------------------------|--|-------------|---------|
| | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17437, name=forelimb digit 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17718, name=forelimb digit 3 metacarpus pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17718 has name [metacarpus pre-cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17718 has synonyms [metacarpal pre-cartilage condensation] | | |

| Modified OBOComponent 1028 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17719 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:17437[forelimb digit 3 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 1028

```
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17437, name=forelimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17719, name=forelimb digit
3 phalanx pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17437, name=forelimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17719, name=forelimb digit
3 phalanx pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
```


| Modified OBOComponent 1028 | | | |
|----------------------------|--|--|---------|
| | | newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17437, name=forelimb digit 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17719, name=forelimb digit 3 phalanx pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17437, name=forelimb digit 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17719, name=forelimb digit 3 phalanx pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17719 has name [phalanx pre-cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17719 has synonyms [phalangeal pre-cartilage condensation] | | |

| Modified OBOComponent 1029 | | | |
|---|-------------|------|-----------------|
| ID | EMAPA:27913 | Name | Starts At |
| TS22 | Ends At | TS27 | Primary Parents |
| EMAPA:27907[capillary loop renal corpuscle] | | | Group Parents |

| Modified OBOComponent 1029 | |
|----------------------------|--|
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17952, name=renal cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28506, name=developing capillary loop stage nephron GROUP, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:27907, name=capillary loop renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0],</p> <p>OBOComponent [id=EMAPA:27913, name=visceral epithelium of capillary loop renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17952, name=renal cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28527, name=late tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:27907, name=capillary loop</p> |

Modified OBOComponent 1029

```
renal corpuscle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27913, name=visceral
epithelium of capillary loop renal corpuscle,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27907, name=capillary loop
renal corpuscle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27913, name=visceral
epithelium of capillary loop renal corpuscle,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
```

Modified OBOComponent 1029

```
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27907, name=capillary loop
renal corpuscle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27913, name=visceral
epithelium of capillary loop renal corpuscle,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27907, name=capillary loop
renal corpuscle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27913, name=visceral
epithelium of capillary loop renal corpuscle,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
```

Modified OBOComponent 1029

| | | | |
|--|--|-------------|---------|
| dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17952, name=renal cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:27907, name=capillary loop renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0], OBOComponent [id=EMAPA:27913, name=visceral epithelium of capillary loop renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]] | | | |
| 7. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27907, name=capillary loop renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0], OBOComponent [id=EMAPA:27913, name=visceral epithelium of capillary loop renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27913 has synonyms [podocyte layer] | | |

Modified OBOComponent 1030

| | | | |
|-----------------------------------|-------------|------|-----------------|
| ID | EMAPA:17713 | Name | Starts At |
| TS21 | Ends At | TS22 | Primary Parents |
| EMAPA:17426[upper arm mesenchyme] | | | Group Parents |

| Modified OBOComponent 1030 | | | |
|----------------------------|---|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17424, name=upper arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17426, name=upper arm mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17713, name=humeral cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17713 has synonyms [humeral cartilage condensation] | | |

| Modified OBOComponent 1031 | | | |
|---------------------------------|---|------|-----------------|
| ID | EMAPA:17711 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:17419[forearm mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1031 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17417, name=forearm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17419, name=forearm mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17711, name=radius-ulna cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17711 has synonyms [radio-ulna cartilage condensation] | | |

| Modified OBOComponent 1032 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17716 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:17434[forelimb digit 2 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17434, name=forelimb digit 2 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17716, name=forelimb digit 2 metacarpus pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | | |

Modified OBOComponent 1032

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17434, name=forelimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17716, name=forelimb digit
2 metacarpus pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17434, name=forelimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17716, name=forelimb digit
2 metacarpus pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

| Modified OBOComponent 1032 | | | |
|----------------------------|--|--|---------|
| | | start=TS21, end=TS21, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17434, name=forelimb digit 2 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17716, name=forelimb digit 2 metacarpus pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17716 has name [metacarpus pre-cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17716 has synonyms [metacarpal pre-cartilage condensation] | | |

| Modified OBOComponent 1033 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17717 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:17434[forelimb digit 2 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, | | |

Modified OBOComponent 1033

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17434, name=forelimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17717, name=forelimb digit
2 phalanx pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17434, name=forelimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17717, name=forelimb digit
2 phalanx pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
```

Modified OBOComponent 1033

```

statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17434, name=forelimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17717, name=forelimb digit
2 phalanx pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]

```

```

4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17434, name=forelimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17717, name=forelimb digit
2 phalanx pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]

```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17717 has name [phalanx pre-cartilage condensation] 2. Different Synonyms - Referenced OBOComponent EMAPA:17717 has synonyms [phalangeal pre-cartilage condensation] | | |

Modified OBOComponent 1034

| | | | |
|------|-------------|------|-----------------|
| ID | EMAPA:17714 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |

| | | |
|--|---|---------------|
| Modified OBOComponent 1034 | | |
| EMAPA:17431[forelimb digit 1 mesenchyme] | | Group Parents |
| | | Synonyms |
| [] | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17431, name=forelimb digit 1 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17714, name=forelimb digit 1 metacarpus pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17431, name=forelimb digit 1 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false,</p> | |

Modified OBOComponent 1034

```
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17714, name=forelimb digit
1 metacarpus pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17431, name=forelimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17714, name=forelimb digit
1 metacarpus pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17431, name=forelimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
```

| Modified OBOComponent 1034 | | | |
|----------------------------|--|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17714, name=forelimb digit 1 metacarpus pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17714 has name [metacarpus pre-cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17714 has synonyms [metacarpal pre-cartilage condensation] | | |

| Modified OBOComponent 1035 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17715 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:17431[forelimb digit 1 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17431, name=forelimb digit 1 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17715, name=forelimb digit 1 phalanx pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> | | |

Modified OBOComponent 1035

```
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17431, name=forelimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17715, name=forelimb digit
1 phalanx pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17431, name=forelimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17715, name=forelimb digit
1 phalanx pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 1035 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17431, name=forelimb digit 1 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17715, name=forelimb digit 1 phalanx pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17715 has name [phalanx pre-cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17715 has synonyms [phalangeal pre-cartilage condensation] | | |

| Modified OBOComponent 1036 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17753 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17752[sublingual gland primordium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1036 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16723, name=oral region gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17751, name=salivary gland, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17752, name=sublingual gland primordium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0], OBOComponent [id=EMAPA:17753, name=sublingual gland primordium epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17753 has name [epithelium] | | |

| Modified OBOComponent 1037 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:27125 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17036[midgut loop] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17036, name=midgut loop, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:27125, name=midgut loop submucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27125 has name [submucosa] | | |

| Modified OBOComponent 1038 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:27123 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17036[midgut loop] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17036, name=midgut loop, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:27123, name=midgut loop mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27123 has name [mucosa] | | |

| Modified OBOComponent 1039 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:27121 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27109[jejenum mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 1039 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:18666, name=jejunum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27109, name=jejunum mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27121, name=jejunum muscularis mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27121 has name [muscularis mucosa] | | |

| Modified OBOComponent 1040 | | | |
|-----------------------------|---|------|-----------------|
| ID | EMAPA:27119 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27109[jejunum mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1040 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:18666, name=jejunum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27109, name=jejunum mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27119, name=jejunum lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27119 has name [lamina propria] | | |

| Modified OBOComponent 1041 | | | |
|--|--|------|-----------------|
| ID | EMAPA:27943 | Name | Starts At |
| TS22 | Ends At | TS27 | Primary Parents |
| EMAPA:17954[early nephron GROUP] EMAPA:28527[late tubule] EMAPA:28485[maturing nephron] EMAPA:17952[renal cortex] EMAPA:28445[stage IV immature nephron] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28445, name=stage IV immature nephron, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22, end=TS22, present=0], OBOComponent [id=EMAPA:27943, name=maturing renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 1041

```
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
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dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
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OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 1041 | | | |
|----------------------------|--|---|---------|
| | | group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28485, name=maturing nephron, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS23, end=TS28, present=0], OBOComponent [id=EMAPA:27943, name=maturing renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]] 9. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27943, name=maturing renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27943 has synonyms [renal corpuscle of Stage IV nephron] | | |

| Modified OBOComponent 1042 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:27115 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:18666[jejunum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1042 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:18666, name=jejunum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27115, name=jejunum serosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27115 has name [serosa] | | |

| Modified OBOComponent 1043 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17747 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17743[vertebral axis muscle system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17747, name=pectoral girdle and thoracic body wall muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 1043 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17747, name=pectoral girdle and thoracic body wall muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17747 has name [pectoral girdle and thoracic body wall] | | |

| Modified OBOComponent 1044 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17748 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17747[pectoral girdle and thoracic body wall muscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17747, name=pectoral girdle and thoracic body wall muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17748, name=pectoral girdle and thoracic body wall skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

| Modified OBOComponent 1044 | | | |
|---|--|-------------|---------|
| OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17747, name=pectoral girdle and thoracic body wall muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17748, name=pectoral girdle and thoracic body wall skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17748 has name [skeletal muscle] | | |

| Modified OBOComponent 1045 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17743 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:16039[embryo] TH:00070[musculoskeletal system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| | | | |
|------------------------------------|--|-------------|---------|
| Modified OBOComponent 1045 | | | |
| start=TS21, end=TS26, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17743 has parents [EMAPA:16039, TH:00070] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17743 has parents [EMAPA:25765, EMAPA:16039] | | |

| | | | |
|---------------------------------------|---|------|-----------------|
| Modified OBOComponent 1046 | | | |
| ID | EMAPA:27949 | Name | Starts At |
| TS22 | Ends At | TS27 | Primary Parents |
| EMAPA:27943[maturing renal corpuscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28445, name=stage IV immature nephron, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22, end=TS22, present=0],</p> <p>OBOComponent [id=EMAPA:27943, name=maturing renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0],</p> <p>OBOComponent [id=EMAPA:27949, name=maturing glomerular tuft, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED,</p> | | |

Modified OBOComponent 1046

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27949, name=maturing
glomerular tuft, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27949, name=maturing
glomerular tuft, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

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```
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27949, name=maturing
glomerular tuft, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27949, name=maturing
glomerular tuft, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```


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```
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27949, name=maturing
glomerular tuft, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27949, name=maturing
glomerular tuft, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
```

Modified OBOComponent 1046

```
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27949, name=maturing
glomerular tuft, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
9. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27949, name=maturing
glomerular tuft, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

| | | | |
|-------------|--------|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| | | | |

| Modified OBOComponent 1046 | |
|----------------------------|---|
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27949 has synonyms [maturing glomerulus] |

| Modified OBOComponent 1047 | | | |
|--------------------------------------|--|------|-----------------|
| ID | EMAPA:17745 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17744[anterior abdominal wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17744, name=anterior abdominal wall, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17745, name=anterior abdominal wall skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17744, name=anterior abdominal wall, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17745, name=anterior abdominal wall skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]]</p> | | |
| | | | |

| Modified OBOComponent 1047 | | | |
|----------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17745 has name [skeletal muscle] | | |

| Modified OBOComponent 1048 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17746 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:17745[anterior abdominal wall skeletal muscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17744, name=anterior abdominal wall, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17745, name=anterior abdominal wall skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17746, name=anterior abdominal wall undifferentiated pre-muscle mass, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0] </pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17744, name=anterior abdominal wall, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, </pre> | | |

| Modified OBOComponent 1048 | | | |
|----------------------------|---|-------------|---------|
| | start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17745, name=anterior abdominal wall skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17746, name=anterior abdominal wall undifferentiated pre-muscle mass, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17746 has name [undifferentiated pre-muscle mass] | | |

| Modified OBOComponent 1049 | | | |
|-----------------------------------|--|-------------|-----------------|
| ID | EMAPA:17742 | Name | Starts At |
| TS21 | Ends At | TS22 | Primary Parents |
| EMAPA:17501[upper leg mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17499, name=upper leg, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17501, name=upper leg mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17742, name=femur cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17742 has synonyms [femoral cartilage condensation] | | |

| Modified OBOComponent 1050 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:17741 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |

| | | | |
|-----------------------------------|---|---------------|---------|
| Modified OBOComponent 1050 | | | |
| EMAPA:17498[lower leg mesenchyme] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17496, name=lower leg, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17498, name=lower leg mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17741, name=tibia-fibular pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17741 has synonyms [tibial-fibulal pre-cartilage condensation] | | |

| Modified OBOComponent 1051 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:27133 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27123[midgut loop mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1051 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17036, name=midgut loop, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:27123, name=midgut loop mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27133, name=midgut loop lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27133 has name [lamina propria] | | |

| Modified OBOComponent 1052 | | | |
|---------------------------------|---|------|-----------------|
| ID | EMAPA:27135 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27123[midgut loop mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17036, name=midgut loop, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0],] | | |

| Modified OBOComponent 1052 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:27123, name=midgut loop mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27135, name=midgut loop muscularis mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27135 has name [muscularis mucosa] | | |

| Modified OBOComponent 1053 | | | |
|---------------------------------|--|-------------|-----------------|
| ID | EMAPA:27131 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27123[midgut loop mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17036, name=midgut loop, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:27123, name=midgut loop mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27131, name=midgut loop epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27131 has name [epithelium] | | |

| Modified OBOComponent 1054 | | | |
|----------------------------|--|--|--|
| | | | |

| Modified OBOComponent 1054 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:27127 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17036[midgut loop] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17036, name=midgut loop, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:27127, name=midgut loop muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27127 has name [muscularis] | | |

| Modified OBOComponent 1055 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:27129 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17036[midgut loop] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 1055 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17036, name=midgut loop, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:27129, name=midgut loop serosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27129 has name [serosa] | | |

| Modified OBOComponent 1056 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17737 | Name | Starts At |
| TS21 | Ends At | TS22 | Primary Parents |
| EMAPA:17735[future tarsus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17488, name=footplate mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17735, name=future tarsus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS22, present=0], OBOComponent [id=EMAPA:17737, name=future tarsus other mesenchyme, statusChange=CHANGED, | | |

| Modified OBOComponent 1056 | | | |
|----------------------------|--|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS22, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17488, name=footplate mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17735, name=future tarsus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS22, present=0], OBOComponent [id=EMAPA:17737, name=future tarsus other mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17737 has name [other mesenchyme] | | |

| Modified OBOComponent 1057 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17734 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:17474[hindlimb digit 5 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], | | |

Modified OBOComponent 1057

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OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17474, name=hindlimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17734, name=hindlimb digit
5 phalanx pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17474, name=hindlimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17734, name=hindlimb digit
5 phalanx pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```


Modified OBOComponent 1057

| | | | |
|---|--|-------------|---------|
| start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17474, name=hindlimb digit 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17734, name=hindlimb digit 5 phalanx pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | | | |
| 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17474, name=hindlimb digit 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17734, name=hindlimb digit 5 phalanx pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17734 has name [phalanx pre-cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17734 has synonyms [phalangeal pre-cartilage condensation] | | |

Modified OBOComponent 1058

| | | | |
|--|-------------|------|-----------------|
| ID | EMAPA:17732 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:17471[hindlimb digit 4 mesenchyme] | | | Group Parents |
| | | | |

| Modified OBOComponent 1058 | |
|----------------------------|---|
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17471, name=hindlimb digit 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17732, name=hindlimb digit 4 phalanx pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17471, name=hindlimb digit 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17732, name=hindlimb digit</p> |

Modified OBOComponent 1058

```
4 phalanx pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17471, name=hindlimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17732, name=hindlimb digit
4 phalanx pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17471, name=hindlimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
```

| Modified OBOComponent 1058 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:17732, name=hindlimb digit 4 phalanx pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17732 has name [phalanx pre-cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17732 has synonyms [phalangeal pre-cartilage condensation] | | |

| Modified OBOComponent 1059 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17733 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:17474[hindlimb digit 5 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17474, name=hindlimb digit 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17733, name=hindlimb digit 5 metatarsus pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED,</p> | | |

Modified OBOComponent 1059

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17474, name=hindlimb digit
5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17733, name=hindlimb digit
5 metatarsus pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17474, name=hindlimb digit
5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17733, name=hindlimb digit
5 metatarsus pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
```

| Modified OBOComponent 1059 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17474, name=hindlimb digit 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17733, name=hindlimb digit 5 metatarsus pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17733 has name [metatarsus pre-cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17733 has synonyms [metatarsal pre-cartilage condensation] | | |

| Modified OBOComponent 1060 | | | |
|--|---|------|-----------------|
| ID | EMAPA:27103 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27095[duodenum caudal part mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, | | |

| Modified OBOComponent 1060 | | | |
|----------------------------|--|-------------|---------|
| | <p>statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:17193, name=midgut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:17194, name=duodenum caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:27095, name=duodenum caudal part mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:27103, name=duodenum caudal part epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17193, name=midgut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:17194, name=duodenum caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:27095, name=duodenum caudal part mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:27103, name=duodenum caudal part epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]]</p> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27103 has name [epithelium] | | |

| Modified OBOComponent 1061 | | | |
|----------------------------|--|--|--|
| | | | |

| Modified OBOComponent 1061 | | | |
|-----------------------------------|--|------|-----------------|
| ID | EMAPA:27101 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17194[duodenum caudal part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <pre> 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17193, name=midgut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17194, name=duodenum caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:27101, name=duodenum caudal part serosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, </pre> | | |

| Modified OBOComponent 1061 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17193, name=midgut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17194, name=duodenum caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:27101, name=duodenum caudal part serosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27101 has name [serosa] | | |

| Modified OBOComponent 1062 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:26442 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17463[hindlimb digit 2] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:26442, name=hindlimb digit 2 metacarpo-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

Modified OBOComponent 1062

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:26442, name=hindlimb digit
2 metacarpo-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:26442, name=hindlimb digit
2 metacarpo-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
```

| Modified OBOComponent 1062 | | | |
|----------------------------|---|--|---------|
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:26442, name=hindlimb digit 2 metacarpo-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26442 has name [metacarpo-phalangeal joint] | | |

| Modified OBOComponent 1063 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:26436 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17460[hindlimb digit 1] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:26436, name=hindlimb digit 1 metacarpo-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

Modified OBOComponent 1063

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:26436, name=hindlimb digit
1 metacarpo-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:26436, name=hindlimb digit
1 metacarpo-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
```


| Modified OBOComponent 1063 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:26436, name=hindlimb digit 1 metacarpo-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26436 has name [metacarpo-phalangeal joint] | | |

| Modified OBOComponent 1064 | | | |
|---------------------------------------|--|-------------|-----------------|
| ID | EMAPA:18578 | Name | Starts At |
| TS23 | Ends At | TS24 | Primary Parents |
| EMAPA:17281[future tympanic membrane] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16991, name=external ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17281, name=future tympanic membrane, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS24, present=0], OBOComponent [id=EMAPA:18578, name=future tympanic membrane endothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS24, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18578 has name [endothelium] | | |

| Modified OBOComponent 1065 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:27111 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:18666[jejunum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:18666, name=jejunum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27111, name=jejunum submucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27111 has name [submucosa] | | |

| Modified OBOComponent 1066 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:27113 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:18666[jejunum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 1066 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:18666, name=jejunum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27113, name=jejunum muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27113 has name [muscularis] | | |

| Modified OBOComponent 1067 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:26430 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17460[hindlimb digit 1] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:26430, name=hindlimb digit 1 inter-phalangeal joint, statusChange=CHANGED, | | |

Modified OBOComponent 1067

statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0]]

2. [
OBOComponent [id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0],
OBOComponent [id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0],
OBOComponent [id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0],
OBOComponent [id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0],
OBOComponent [id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:26430, name=hindlimb digit
1 inter-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0]]

3. [
OBOComponent [id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0],
OBOComponent [id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0],
OBOComponent [id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0],
OBOComponent [id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0],
OBOComponent [id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0],
OBOComponent [id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:26430, name=hindlimb digit
1 inter-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0]]

4. [
OBOComponent [id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0],

| Modified OBOComponent 1067 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:26430, name=hindlimb digit 1 inter-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26430 has name [inter-phalangeal joint] | | |

| Modified OBOComponent 1068 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:18580 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:16194[inner ear] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18580, name=endolymphatic duct, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 1068 | |
|----------------------------|---|
| Comments | 1. Different Start Stage - Referenced OBOComponent EMAPA:18580 has Start Stage TS23 |

| Modified OBOComponent 1069 | | | |
|---------------------------------|---|-------------|-----------------|
| ID | EMAPA:18581 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:18580[endolymphatic duct] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18580, name=endolymphatic duct, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18581, name=endolymphatic duct associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18581 has name [associated mesenchyme] | | |
| | 2. Different Start Stage - Referenced OBOComponent EMAPA:18581 has Start Stage TS23 | | |

| Modified OBOComponent 1070 | | | |
|--|--|------|-----------------|
| ID | EMAPA:27105 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27095[duodenum caudal part mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 1070

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16255, name=midgut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17193, name=midgut
duodenum, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17194, name=duodenum caudal
part, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:27095, name=duodenum caudal
part mucosa, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:27105, name=duodenum caudal
part lamina propria, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS23, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18852, name=duodenum,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17193, name=midgut
duodenum, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17194, name=duodenum caudal
```

| Modified OBOComponent 1070 | | | |
|----------------------------|---|-------------|---------|
| | part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:27095, name=duodenum caudal part mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27105, name=duodenum caudal part lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27105 has name [lamina propria] | | |

| Modified OBOComponent 1071 | | | |
|---------------------------------|--|-------------|-----------------|
| ID | EMAPA:18582 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:18580[endolymphatic duct] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18580, name=endolymphatic duct, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18582, name=endolymphatic duct epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18582 has name [epithelium] | | |
| | 2. Different Start Stage - Referenced OBOComponent EMAPA:18582 has Start Stage TS23 | | |

| Modified OBOComponent 1072 | | | |
|----------------------------|-------------|------|-----------|
| ID | EMAPA:27107 | Name | Starts At |

| Modified OBOComponent 1072 | | | |
|--|---|------|-----------------|
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27095[duodenum caudal part mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17193, name=midgut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17194, name=duodenum caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:27095, name=duodenum caudal part mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27107, name=duodenum caudal part muscularis mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] </pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, </pre> | | |

| Modified OBOComponent 1072 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17193, name=midgut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17194, name=duodenum caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:27095, name=duodenum caudal part mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27107, name=duodenum caudal part muscularis mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27107 has name [muscularis mucosa] | | |

| Modified OBOComponent 1073 | | | |
|-------------------------------|---|-------------|-----------------|
| ID | EMAPA:18588 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18233[conjunctival sac] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18233, name=conjunctival sac, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18588, name=conjunctival sac lower recess, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 1073 | |
|----------------------------|---|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18588 has name [lower recess] |

| Modified OBOComponent 1074 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:27109 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:18666[jejunum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:18666, name=jejunum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27109, name=jejunum mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27109 has name [mucosa] | | |

| Modified OBOComponent 1075 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:18589 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18233[conjunctival sac] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 1075 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18233, name=conjunctival sac, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18589, name=conjunctival sac upper recess, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18589 has name [upper recess] | | |

| Modified OBOComponent 1076 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:26460 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17466[hindlimb digit 3] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:26460, name=hindlimb digit 3 metacarpo-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

Modified OBOComponent 1076

```
start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:26460, name=hindlimb digit
3 metacarpophalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:26460, name=hindlimb digit
3 metacarpophalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
```

| Modified OBOComponent 1076 | | | |
|---|---|-------------|---------|
| dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:26460, name=hindlimb digit 3 metacarpo-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26460 has name [metacarpo-phalangeal joint] | | |

| Modified OBOComponent 1077 | | | |
|----------------------------------|---|------|-----------------|
| ID | EMAPA:28570 | Name | Starts At |
| TS21 | Ends At | TS24 | Primary Parents |
| EMAPA:27711[ureteral mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17950, name=ureter, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27711, name=ureteral mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS24, present=0], OBOComponent [id=EMAPA:28570, name=ureteral mesenchyme outer layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 1077 | | | |
|----------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS21, end=TS24, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:28570 has name [outer layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:28570 has synonyms [presumptive adventitia] | | |

| Modified OBOComponent 1078 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17704 | Name | Starts At |
| TS20 | Ends At | TS22 | Primary Parents |
| EMAPA:17701[diaphragm] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17701, name=diaphragm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17704, name=pleuro-pericardial canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17704 has synonyms [pleuro-pericardial channel] | | |

| Modified OBOComponent 1079 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:18591 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18590[neural retina] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1079 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17168, name=retina, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:18590, name=neural retina, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18591, name=neural retina nerve fibre layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18591 has name [nerve fibre layer] | | |

| Modified OBOComponent 1080 | | | |
|---------------------------------------|---|------|-----------------|
| ID | EMAPA:17705 | Name | Starts At |
| TS20 | Ends At | TS22 | Primary Parents |
| EMAPA:17704[pleuro-pericardial canal] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17701, name=diaphragm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17704, name=pleuro- pericardial canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0], OBOComponent [id=EMAPA:17705, name=pleuro- pericardial canal mesothelial lining, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, | | |

| Modified OBOComponent 1080 | | | |
|----------------------------|--|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17705 has name [mesothelial lining] | | |

| Modified OBOComponent 1081 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:18592 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18590[neural retina] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17168, name=retina, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:18590, name=neural retina, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18592, name=neural retina nuclear layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18592 has name [nuclear layer] | | |

| Modified OBOComponent 1082 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17700 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:16754[tail central nervous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

| Modified OBOComponent 1082 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16753, name=tail nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16754, name=tail central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17700, name=tail spinal cord, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17700 has name [spinal cord] | | |

| Modified OBOComponent 1083 | | | |
|---|---|------|-----------------|
| ID | EMAPA:27907 | Name | Starts At |
| TS22 | Ends At | TS27 | Primary Parents |
| EMAPA:17952[renal cortex] EMAPA:28527[late tubule] EMAPA:17954[early nephron GROUP] EMAPA:28506[developing capillary loop stage nephron GROUP] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17952, name=renal cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28506, name=developing capillary loop stage nephron GROUP, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:27907, name=capillary loop renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

Modified OBOComponent 1083

```
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27907, name=capillary loop
renal corpuscle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27907, name=capillary loop
renal corpuscle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
```

Modified OBOComponent 1083

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27907, name=capillary loop
renal corpuscle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27907, name=capillary loop
renal corpuscle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
```

Modified OBOComponent 1083

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27907, name=capillary loop
renal corpuscle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27907, name=capillary loop
renal corpuscle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

| | | | |
|-------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27907 has synonyms [renal corpuscle of the stage III nephron] | | |

| Modified OBOComponent 1084 | | | |
|----------------------------------|--|-------------|-----------------|
| ID | EMAPA:28567 | Name | Starts At |
| TS21 | Ends At | TS22 | Primary Parents |
| EMAPA:27711[ureteral mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17950, name=ureter, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27711, name=ureteral mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS24, present=0], OBOComponent [id=EMAPA:28567, name=ureteral mesenchyme middle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS22, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:28567 has name [middle layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:28567 has synonyms [presumptive ureteral smooth muscle layer] | | |

| Modified OBOComponent 1085 | | | |
|-----------------------------------|--|------|-----------------|
| ID | EMAPA:18599 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18598[communicating artery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1085 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18598, name=communicating artery, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18599, name=anterior communicating artery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18599 has name [anterior] | | |

| Modified OBOComponent 1086 | | | |
|--------------------------------------|---|-------------|-----------------|
| ID | EMAPA:17708 | Name | Starts At |
| TS20 | Ends At | TS22 | Primary Parents |
| EMAPA:17707[pleuro-peritoneal canal] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17701, name=diaphragm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17707, name=pleuro-peritoneal canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0], OBOComponent [id=EMAPA:17708, name=pleuro-peritoneal canal mesothelial lining, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17708 has name [mesothelial lining] | | |

| Modified OBOComponent 1087 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:18593 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:16542[nose] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:18593, name=nasal meatus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18593 has name [meatus] | | |

| Modified OBOComponent 1088 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17707 | Name | Starts At |
| TS20 | Ends At | TS22 | Primary Parents |
| EMAPA:17701[diaphragm] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17701, name=diaphragm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1088 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17707, name=pleuro-peritoneal canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17707 has synonyms [pleuro-pericardial channel] | | |

| Modified OBOComponent 1089 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:18594 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:17847[naris] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17847, name=naris, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18594, name=anterior naris, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18594 has name [anterior] | | |

| Modified OBOComponent 1090 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:18595 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18594[anterior naris] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

| Modified OBOComponent 1090 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17847, name=naris, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18594, name=anterior naris, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18595, name=anterior naris epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18595 has name [epithelium] | | |

| Modified OBOComponent 1091 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17709 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17701[diaphragm] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17701, name=diaphragm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17709, name=pleuro- peritoneal membrane, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| | | | |

| Modified OBOComponent 1091 | | | |
|----------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17709 has synonyms [pleuro-peritoneal folds] | | |

| Modified OBOComponent 1092 | | | |
|-----------------------------|---|-------------|-----------------|
| ID | EMAPA:18596 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:17848[external naris] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17847, name=naris, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17848, name=external naris, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18596, name=external naris epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18596 has name [epithelium] | | |

| Modified OBOComponent 1093 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:26454 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17466[hindlimb digit 3] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 1093

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:26454, name=hindlimb digit
3 inter-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:26454, name=hindlimb digit
3 inter-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 1093 | | | |
|----------------------------|--|---|---------|
| | | group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:26454, name=hindlimb digit 3 inter-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:26454, name=hindlimb digit 3 inter-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26454 has name [inter-phalangeal joint] | | |

| Modified OBOComponent 1094 | | | |
|-----------------------------------|--|------|-----------------|
| ID | EMAPA:28588 | Name | Starts At |
| TS21 | Ends At | TS28 | Primary Parents |
| EMAPA:28089[urothelium of ureter] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 1094 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17950, name=ureter, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:28089, name=urothelium of ureter, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS28, present=0], OBOComponent [id=EMAPA:28588, name=superficial cell layer of ureter, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:28588 has synonyms [umbrella cell] | | |

| Modified OBOComponent 1095 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:26448 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17463[hindlimb digit 2] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 1095

```
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:26448, name=hindlimb digit
2 inter-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:26448, name=hindlimb digit
2 inter-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:26448, name=hindlimb digit
2 inter-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
```

| Modified OBOComponent 1095 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:26448, name=hindlimb digit 2 inter-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26448 has name [inter-phalangeal joint] | | |

| Modified OBOComponent 1096 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:18534 | Name | Starts At |
| TS22 | Ends At | TS23 | Primary Parents |
| EMAPA:18425[gland] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:18425, name=gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS26, present=0], OBOComponent [id=EMAPA:18534, name=haemolymphoid system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Start Stage - Referenced OBOComponent EMAPA:18534 has Start Stage TS23 | | |

| Modified OBOComponent 1097 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:18527 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18185[pelvic girdle skeletal muscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18184, name=pelvic girdle muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18185, name=pelvic girdle skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18527, name=gluteus maximus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18184, name=pelvic girdle muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18185, name=pelvic girdle skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18527, name=gluteus maximus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]]</p> | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 1097 | |
|----------------------------|--|
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18527 has synonyms [superficialis] |

| Modified OBOComponent 1098 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:18541 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:17759[mammary gland] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17758, name=integumental system gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17759, name=mammary gland, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18541, name=mammary gland ridge, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18541 has name [ridge] | | |

| Modified OBOComponent 1099 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18543 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| TH:00020[choroid plexus] EMAPA:18542[epithalamic recess] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 1099

| | |
|-------------|--|
| | <pre>group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00020, name=choroid plexus, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18543, name=3rd ventricle choroid plexus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]]</pre> |
| | <pre>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17532, name=epithalamus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18542, name=epithalamic recess, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18543, name=3rd ventricle choroid plexus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]]</pre> |
| Rule Status | <div>PASSED</div> <div>Edit Status</div> <div>CHANGED</div> |
| Comments | <div>1. Different Name - Referenced OBOComponent EMAPA:18543 has name [choroid plexus]</div> |

| | |
|-----------------------------------|---|
| Modified OBOComponent 1099 | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:18543 has parents [TH:00020, EMAPA:18542] |

| | | | |
|-----------------------------------|--|--------------------|------------------------|
| Modified OBOComponent 1100 | | | |
| <i>ID</i> | EMAPA:18542 | <i>Name</i> | <i>Starts At</i> |
| TS23 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17532[epithalamus] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Primary Path</i> |
| <i>Alternate Paths</i> | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17532, name=epithalamus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18542, name=epithalamic recess, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| <i>Rule Status</i> | PASSED | <i>Edit Status</i> | CHANGED |
| <i>Comments</i> | 1. Different Synonyms - Referenced OBOComponent EMAPA:18542 has synonyms [pineal recess] | | |

| | | | |
|-----------------------------------|----------------|-------------|------------------------|
| Modified OBOComponent 1101 | | | |
| <i>ID</i> | EMAPA:18544 | <i>Name</i> | <i>Starts At</i> |
| TS23 | <i>Ends At</i> | TS23 | <i>Primary Parents</i> |
| EMAPA:17532[epithalamus] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Primary Path</i> |
| <i>Alternate Paths</i> | 1. [| | |

| Modified OBOComponent 1101 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17532, name=epithalamus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18544, name=pineal primordium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18544 has synonyms [epiphysis] | | |

| Modified OBOComponent 1102 | | | |
|-----------------------------------|--|------|-----------------|
| ID | EMAPA:18535 | Name | Starts At |
| TS22 | Ends At | TS23 | Primary Parents |
| EMAPA:18534[haemolymphoid system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:18425, name=gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, | | |

| Modified OBOComponent 1102 | | | |
|----------------------------|---|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS26, present=0], OBOComponent [id=EMAPA:18534, name=haemolymphoid system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:18535, name=spleen primordium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Start Stage - Referenced OBOComponent EMAPA:18535 has Start Stage TS23 | | |

| Modified OBOComponent 1103 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:18538 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18537[parotid] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16723, name=oral region gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18537, name=parotid, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18538, name=parotid epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18538 has name [epithelium] | | |

| Modified OBOComponent 1104 | | | |
|----------------------------|-------------|------|-----------|
| ID | EMAPA:18539 | Name | Starts At |
| | | | |

| Modified OBOComponent 1104 | | | |
|----------------------------|---|-------------|-----------------|
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18537[parotid] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16723, name=oral region gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18537, name=parotid, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18539, name=parotid mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18539 has name [mesenchyme] | | |

| Modified OBOComponent 1105 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18556 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18555[cerebellum intraventricular portion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1105 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17073, name=metencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17787, name=cerebellum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18555, name=cerebellum intraventricular portion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18556, name=cerebellum intraventricular portion mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18556 has name [mantle layer] | | |

| Modified OBOComponent 1106 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18555 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:17787[cerebellum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, | | |

| Modified OBOComponent 1106 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17073, name=metencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17787, name=cerebellum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18555, name=cerebellum intraventricular portion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18555 has name [intraventricular portion] | | |

| Modified OBOComponent 1107 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:18550 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:16914[lateral ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, | | |

| Modified OBOComponent 1107 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00036, name=brain ventricle, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16914, name=lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18550, name=tail of lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16914, name=lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18550, name=tail of lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18550 has name [tail] | | |

| Modified OBOComponent 1108 | | | |
|------------------------------|---|------|-----------------|
| ID | EMAPA:18548 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18207[caudate nucleus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 1108 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17549, name=corpus striatum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18207, name=caudate nucleus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18548, name=caudate nucleus tail, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18548 has name [tail] | | |

| Modified OBOComponent 1109 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:18549 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:16914[lateral ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], | | |

| Modified OBOComponent 1109 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00036, name=brain ventricle, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16914, name=lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18549, name=head of lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16914, name=lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18549, name=head of lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18549 has name [head] | | |

| Modified OBOComponent 1110 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:18546 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| | | | |

| | | | |
|----------------------------|---|---------------|---------|
| Modified OBOComponent 1110 | | | |
| EMAPA:17540[thalamus] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17540, name=thalamus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18546, name=interthalamic adhesion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18546 has synonyms [massa intermedia] | | |

| | | | |
|------------------------------|--|------|-----------------|
| Modified OBOComponent 1111 | | | |
| ID | EMAPA:18547 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18207[caudate nucleus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 1111 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17549, name=corpus striatum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18207, name=caudate nucleus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18547, name=caudate nucleus head, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18547 has name [head] | | |

| Modified OBOComponent 1112 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18565 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18563[metencephalon rest of alar plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1112 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17073, name=metencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:18563, name=metencephalon rest of alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18565, name=metencephalon rest of alar plate marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18565 has name [marginal layer] | | |

| Modified OBOComponent 1113 | | | |
|---|---|------|-----------------|
| ID | EMAPA:18564 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18563[metencephalon rest of alar plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, | | |

| Modified OBOComponent 1113 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17073, name=metencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:18563, name=metencephalon rest of alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18564, name=metencephalon rest of alar plate mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18564 has name [mantle layer] | | |

| Modified OBOComponent 1114 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18566 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18563[metencephalon rest of alar plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 1114 | | | |
|----------------------------|---|-------------|---------|
| | start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17073, name=metencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:18563, name=metencephalon rest of alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18566, name=metencephalon rest of alar plate ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18566 has name [ventricular layer] | | |

| Modified OBOComponent 1115 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:18561 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18559[rest of cerebellum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17073, name=metencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17787, name=cerebellum, | | |

| Modified OBOComponent 1115 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18559, name=rest of cerebellum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18561, name=rest of cerebellum marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18561 has name [marginal layer] | | |

| Modified OBOComponent 1116 | | | |
|---------------------------------|---|------|-----------------|
| ID | EMAPA:18560 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18559[rest of cerebellum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17073, name=metencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17787, name=cerebellum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], | | |

| Modified OBOComponent 1116 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:18559, name=rest of cerebellum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18560, name=rest of cerebellum mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18560 has name [mantle layer] | | |

| Modified OBOComponent 1117 | | | |
|---------------------------------------|---|-------------|-----------------|
| ID | EMAPA:18563 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:17073[metencephalon alar plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17073, name=metencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:18563, name=metencephalon rest of alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 1117 | |
|----------------------------|---|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18563 has name [rest of alar plate] |

| Modified OBOComponent 1118 | | | |
|---------------------------------|--|-------------|-----------------|
| ID | EMAPA:18562 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18559[rest of cerebellum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17073, name=metencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17787, name=cerebellum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18559, name=rest of cerebellum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18562, name=rest of cerebellum ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18562 has name [ventricular layer] | | |

| Modified OBOComponent 1119 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:18557 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18555[cerebellum intraventricular portion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17073, name=metencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17787, name=cerebellum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18555, name=cerebellum intraventricular portion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18557, name=cerebellum intraventricular portion marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18557 has name [marginal layer] | | |

| Modified OBOComponent 1120 | | | |
|----------------------------|-------------|------|-----------|
| ID | EMAPA:18558 | Name | Starts At |
| | | | |

| Modified OBOComponent 1120 | | | |
|--|---|-------------|-----------------|
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18555[cerebellum intraventricular portion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17073, name=metencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17787, name=cerebellum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18555, name=cerebellum intraventricular portion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18558, name=cerebellum intraventricular portion ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18558 has name [ventricular layer] | | |

| Modified OBOComponent 1121 | | | |
|---------------------------------------|-------------|------|-----------------|
| ID | EMAPA:27967 | Name | Starts At |
| TS22 | Ends At | TS27 | Primary Parents |
| EMAPA:27949[maturing glomerular tuft] | | | Group Parents |
| | | | |

| Modified OBOComponent 1121 | |
|----------------------------|--|
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28445, name=stage IV immature nephron, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22, end=TS22, present=0], OBOComponent [id=EMAPA:27943, name=maturing renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0], OBOComponent [id=EMAPA:27949, name=maturing glomerular tuft, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0], OBOComponent [id=EMAPA:27967, name=visceral epithelium of maturing renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17952, name=renal cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28527, name=late tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:27943, name=maturing renal</p> |

Modified OBOComponent 1121

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corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27949, name=maturing
glomerular tuft, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27967, name=visceral
epithelium of maturing renal corpuscle,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]

```

```

3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27949, name=maturing
glomerular tuft, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27967, name=visceral
epithelium of maturing renal corpuscle,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]

```

```

4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],

```

Modified OBOComponent 1121

```
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27949, name=maturing
glomerular tuft, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27967, name=visceral
epithelium of maturing renal corpuscle,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27949, name=maturing
glomerular tuft, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27967, name=visceral
epithelium of maturing renal corpuscle,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
```

Modified OBOComponent 1121

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27949, name=maturing
glomerular tuft, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27967, name=visceral
epithelium of maturing renal corpuscle,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27949, name=maturing
glomerular tuft, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ],
```

Modified OBOComponent 1121

```
OBOComponent [ id=EMAPA:27967, name=visceral
epithelium of maturing renal corpuscle,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27949, name=maturing
glomerular tuft, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27967, name=visceral
epithelium of maturing renal corpuscle,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
9. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
```

| Modified OBOComponent 1121 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27943, name=maturing renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0], OBOComponent [id=EMAPA:27949, name=maturing glomerular tuft, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0], OBOComponent [id=EMAPA:27967, name=visceral epithelium of maturing renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27967 has synonyms [podocyte layer] | | |

| Modified OBOComponent 1122 | | | |
|--|---|------|-----------------|
| ID | EMAPA:27185 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17627[stomach proventricular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17627, name=stomach proventricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 1122 | | | |
|----------------------------|--|-------------|---------|
| | start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:27185, name=stomach proventricular region submucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27185 has name [submucosa] | | |

| Modified OBOComponent 1123 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:27187 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17627[stomach proventricular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17627, name=stomach proventricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:27187, name=stomach proventricular region muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27187 has name [muscularis] | | |

| Modified OBOComponent 1124 | | | |
|----------------------------|-------------|------|-----------|
| ID | EMAPA:29196 | Name | Starts At |
| | | | |

| Modified OBOComponent 1124 | | | |
|---------------------------------------|--|-------------|-----------------|
| TS22 | Ends At | TS23 | Primary Parents |
| EMAPA:17968[male reproductive system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:29196, name=degenerating rest of paramesonephric duct of male, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:29196 has synonyms [degenerating Mullerian duct] | | |

| Modified OBOComponent 1125 | | | |
|--|--|------|-----------------|
| ID | EMAPA:27189 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17627[stomach proventricular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], | | |

| Modified OBOComponent 1125 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17627, name=stomach proventricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:27189, name=stomach proventricular region serosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27189 has name [serosa] | | |

| Modified OBOComponent 1126 | | | |
|--|---|------|-----------------|
| ID | EMAPA:27181 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27167[stomach glandular region mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17623, name=stomach | | |

| Modified OBOComponent 1126 | | | |
|----------------------------|--|-------------|---------|
| | glandular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:27167, name=stomach glandular region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27181, name=stomach glandular region gastric gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27181 has name [gastric gland] | | |

| Modified OBOComponent 1127 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:27183 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17627[stomach proventricular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17627, name=stomach proventricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:27183, name=stomach proventricular region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent | | |

| | |
|-----------------------------------|-------------------------------|
| Modified OBOComponent 1127 | |
| | EMAPA:27183 has name [mucosa] |

| | | | |
|---|--|-------------|-----------------|
| Modified OBOComponent 1128 | | | |
| ID | EMAPA:27197 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27183[stomach proventricular region mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17627, name=stomach proventricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:27183, name=stomach proventricular region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27197, name=stomach proventricular region muscularis mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27197 has name [muscularis mucosa] | | |

| | | | |
|---|-------------|------|-----------------|
| Modified OBOComponent 1129 | | | |
| ID | EMAPA:27195 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27183[stomach proventricular region mucosa] | | | Group Parents |
| | | | Synonyms |

| Modified OBOComponent 1129 | | | |
|----------------------------|---|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17627, name=stomach proventricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:27183, name=stomach proventricular region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27195, name=stomach proventricular region gastric gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27195 has name [gastric gland] | | |

| Modified OBOComponent 1130 | | | |
|-------------------------------------|---|------|-----------------|
| ID | EMAPA:27199 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17631[stomach pyloric region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

| Modified OBOComponent 1130 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17631, name=stomach pyloric region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:27199, name=stomach pyloric region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27199 has name [mucosa] | | |

| Modified OBOComponent 1131 | | | |
|---|--|------|-----------------|
| ID | EMAPA:27193 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27183[stomach proventricular region mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1131 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17627, name=stomach proventricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:27183, name=stomach proventricular region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27193, name=stomach proventricular region lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27193 has name [lamina propria] | | |

| Modified OBOComponent 1132 | | | |
|---|--|------|-----------------|
| ID | EMAPA:27191 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27183[stomach proventricular region mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17627, name=stomach proventricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 1132 | | | |
|----------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:27183, name=stomach proventricular region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27191, name=stomach proventricular region epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27191 has name [epithelium] | | |

| Modified OBOComponent 1133 | | | |
|------------------------------|---|-------------|-----------------|
| ID | EMAPA:18511 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17495[knee mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17493, name=knee, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17495, name=knee mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18511, name=knee rest of mesencyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18511 has name [rest of mesencyme] | | |

| Modified OBOComponent 1134 | | | |
|------------------------------------|-------------|------|-----------------|
| ID | EMAPA:27159 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27151[stomach fundus mucosa] | | | Group Parents |

| Modified OBOComponent 1134 | | | |
|----------------------------|--|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17886, name=stomach fundus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0], OBOComponent [id=EMAPA:27151, name=stomach fundus mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27159, name=stomach fundus epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27159 has name [epithelium] | | |

| Modified OBOComponent 1135 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:27985 | Name | Starts At |
| TS22 | Ends At | TS27 | Primary Parents |
| EMAPA:27973[Bowman's capsule] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, | | |

Modified OBOComponent 1135

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27973, name=Bowman's
capsule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27985, name=urinary space
of renal corpuscle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27973, name=Bowman's
capsule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27985, name=urinary space
of renal corpuscle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
```

Modified OBOComponent 1135

```

statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27973, name=Bowman's
capsule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27985, name=urinary space
of renal corpuscle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]

```

```

4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27973, name=Bowman's
capsule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27985, name=urinary space

```


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of renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]]

5. [
 OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],
 OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],
 OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],
 OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],
 OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],
 OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],
 OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],
 OBOComponent [id=EMAPA:28445, name=stage IV immature nephron, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22, end=TS22, present=0],
 OBOComponent [id=EMAPA:27943, name=maturing renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0],
 OBOComponent [id=EMAPA:27973, name=Bowman's capsule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0],
 OBOComponent [id=EMAPA:27985, name=urinary space of renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]]

6. [
 OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],
 OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],
 OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],
 OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],
 OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],
 OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],
 OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],
 OBOComponent [id=EMAPA:17952, name=renal cortex,

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```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27973, name=Bowman's
capsule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27985, name=urinary space
of renal corpuscle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27973, name=Bowman's
capsule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27985, name=urinary space
of renal corpuscle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
```

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```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27973, name=Bowman's
capsule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27985, name=urinary space
of renal corpuscle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

```
9. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27973, name=Bowman's
capsule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27985, name=urinary space
of renal corpuscle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS27, present=0 ]]
```

| Modified OBOComponent 1135 | | | |
|----------------------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27985 has synonyms [Bowman's space] | | |

| Modified OBOComponent 1136 | | | |
|---------------------------------------|---|-------------|-----------------|
| ID | EMAPA:27167 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17623[stomach glandular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17623, name=stomach glandular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:27167, name=stomach glandular region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27167 has name [mucosa] | | |

| Modified OBOComponent 1137 | | | |
|---------------------------------------|-------------|------|-----------------|
| ID | EMAPA:27169 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17623[stomach glandular region] | | | Group Parents |
| | | | Synonyms |
| | | | |

| Modified OBOComponent 1137 | | | |
|----------------------------|--|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17623, name=stomach glandular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:27169, name=stomach glandular region submucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27169 has name [submucosa] | | |

| Modified OBOComponent 1138 | | | |
|-----------------------------|---|------|-----------------|
| ID | EMAPA:18507 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18504[footplate skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1138 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18504, name=footplate skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18507, name=plantar pads, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18504, name=footplate skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18507, name=plantar pads, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18507 has synonyms [digital pads] | | |

| Modified OBOComponent 1139 | | | |
|-----------------------------|---|------|-----------------|
| ID | EMAPA:18506 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18504[footplate skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1139 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18504, name=footplate skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18506, name=footplate epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18504, name=footplate skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18506, name=footplate epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18506 has name [epidermis] 2. Different Start Stage - Referenced OBOComponent EMAPA:18506 has Start Stage TS23 | | |

| Modified OBOComponent 1140 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:27163 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27151[stomach fundus mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

| Modified OBOComponent 1140 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17886, name=stomach fundus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0], OBOComponent [id=EMAPA:27151, name=stomach fundus mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27163, name=stomach fundus lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27163 has name [lamina propria] | | |

| Modified OBOComponent 1141 | | | |
|-----------------------------|---|------|-----------------|
| ID | EMAPA:18505 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18504[footplate skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1141 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18504, name=footplate skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18505, name=footplate dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18504, name=footplate skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18505, name=footplate dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18505 has name [dermis] 2. Different Start Stage - Referenced OBOComponent EMAPA:18505 has Start Stage TS23 | | |

| Modified OBOComponent 1142 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:18504 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17459[footplate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1142 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18504, name=footplate skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18504, name=footplate skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18504 has name [skin] | | |
| | 2. Different Start Stage - Referenced OBOComponent EMAPA:18504 has Start Stage TS23 | | |

| Modified OBOComponent 1143 | | | |
|------------------------------------|---|------|-----------------|
| ID | EMAPA:27165 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27151[stomach fundus mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, | | |

| Modified OBOComponent 1143 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17886, name=stomach fundus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0], OBOComponent [id=EMAPA:27151, name=stomach fundus mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27165, name=stomach fundus muscularis mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27165 has name [muscularis mucosa] | | |

| Modified OBOComponent 1144 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18502 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:18500[tarsus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17488, name=footplate mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18500, name=tarsus, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1144 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:18502, name=tarsus other mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17488, name=footplate mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18500, name=tarsus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:18502, name=tarsus other mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18502 has name [other mesenchyme] | | |

| Modified OBOComponent 1145 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:27161 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27151[stomach fundus mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], | | |

| Modified OBOComponent 1145 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17886, name=stomach fundus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0], OBOComponent [id=EMAPA:27151, name=stomach fundus mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27161, name=stomach fundus gastric gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27161 has name [gastric gland] | | |

| Modified OBOComponent 1146 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:18521 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18167[axial skeletal muscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18166, name=axial muscle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18167, name=axial skeletal | | |

| Modified OBOComponent 1146 | | | |
|----------------------------|---|-------------|---------|
| | <p>muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18521, name=intercostal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18166, name=axial muscle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18167, name=axial skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18521, name=intercostal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18521 has name [intercostal] | | |
| | 2. Different Start Stage - Referenced OBOComponent EMAPA:18521 has Start Stage TS23 | | |

| Modified OBOComponent 1147 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:18522 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18521[intercostal muscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD,</p> | | |

| Modified OBOComponent 1147 | | | |
|----------------------------|--|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18166, name=axial muscle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18167, name=axial skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18521, name=intercostal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18522, name=intercostal muscle external layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18166, name=axial muscle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18167, name=axial skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18521, name=intercostal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18522, name=intercostal muscle external layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18522 has name [external layer] | | |

| Modified OBOComponent 1148 | | | |
|---------------------------------|---|------|-----------------|
| ID | EMAPA:18523 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18521[intercostal muscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

| Modified OBOComponent 1148 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18166, name=axial muscle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18167, name=axial skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18521, name=intercostal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18523, name=intercostal muscle internal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18166, name=axial muscle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18167, name=axial skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18521, name=intercostal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18523, name=intercostal muscle internal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18523 has name [internal layer] | | |

| Modified OBOComponent 1149 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:27973 | Name | Starts At |
| TS22 | Ends At | TS27 | Primary Parents |
| | | | |

| | | |
|---------------------------------------|--|---------------|
| Modified OBOComponent 1149 | | |
| EMAPA:27943[maturing renal corpuscle] | | Group Parents |
| | | Synonyms |
| [] | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28445, name=stage IV immature nephron, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22, end=TS22, present=0], OBOComponent [id=EMAPA:27943, name=maturing renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0], OBOComponent [id=EMAPA:27973, name=Bowman's capsule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]] </pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17952, name=renal cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28527, name=late tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:27943, name=maturing renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0], OBOComponent [id=EMAPA:27973, name=Bowman's </pre> | |

Modified OBOComponent 1149

```
capsule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27973, name=Bowman's
capsule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27973, name=Bowman's
capsule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```


Modified OBOComponent 1149

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27973, name=Bowman's
capsule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27973, name=Bowman's
capsule, statusChange=CHANGED, statusRule=PASSED,
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Modified OBOComponent 1149

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dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27943, name=maturing renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ],
OBOComponent [ id=EMAPA:27973, name=Bowman's
capsule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS27, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
```

| Modified OBOComponent 1149 | | | |
|----------------------------|--|---|---------|
| | | nephron, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS23, end=TS28, present=0], OBOComponent [id=EMAPA:27943, name=maturing renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0], OBOComponent [id=EMAPA:27973, name=Bowman's capsule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]] | |
| | | 9. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27943, name=maturing renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0], OBOComponent [id=EMAPA:27973, name=Bowman's capsule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS27, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27973 has synonyms [glomerular capsule] | | |

| Modified OBOComponent 1150 | | | |
|--|--|------|-----------------|
| ID | EMAPA:27179 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27167[stomach glandular region mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

| Modified OBOComponent 1150 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17623, name=stomach glandular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:27167, name=stomach glandular region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27179, name=stomach glandular region muscularis mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27179 has name [muscularis mucosa] | | |

| Modified OBOComponent 1151 | | | |
|--|---|------|-----------------|
| ID | EMAPA:27177 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27167[stomach glandular region mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary | | |

| Modified OBOComponent 1151 | | | |
|----------------------------|---|-------------|---------|
| | system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17623, name=stomach glandular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:27167, name=stomach glandular region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27177, name=stomach glandular region lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27177 has name [lamina propria] | | |

| Modified OBOComponent 1152 | | | |
|--|--|------|-----------------|
| ID | EMAPA:27175 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27167[stomach glandular region mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, | | |

| Modified OBOComponent 1152 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17623, name=stomach glandular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:27167, name=stomach glandular region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27175, name=stomach glandular region epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27175 has name [epithelium] | | |

| Modified OBOComponent 1153 | | | |
|---------------------------------------|--|------|-----------------|
| ID | EMAPA:27173 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17623[stomach glandular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17623, name=stomach glandular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:27173, name=stomach glandular region serosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 1153 | | | |
|----------------------------|---|-------------|---------|
| | start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27173 has name [serosa] | | |

| Modified OBOComponent 1154 | | | |
|---------------------------------------|---|-------------|-----------------|
| ID | EMAPA:27171 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17623[stomach glandular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17623, name=stomach glandular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:27171, name=stomach glandular region muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27171 has name [muscularis] | | |

| Modified OBOComponent 1155 | | | |
|------------------------------|-------------|------|-----------------|
| ID | EMAPA:16750 | Name | Starts At |
| TS15 | Ends At | TS22 | Primary Parents |
| EMAPA:16749[tail mesenchyme] | | | Group Parents |
| | | | Synonyms |
| | | | |

| Modified OBOComponent 1155 | | | |
|----------------------------|---|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | <div>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16750, name=tail mesenchyme derived from neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS22, present=0]]</div> <div>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16750, name=tail mesenchyme derived from neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS22, present=0]]</div> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16750 has name [mesenchyme derived from neural crest] | | |

| Modified OBOComponent 1156 | | | |
|--|---|------|-----------------|
| ID | EMAPA:16751 | Name | Starts At |
| TS15 | Ends At | TS26 | Primary Parents |
| TH:00001[paraxial mesenchyme] EMAPA:16749[tail mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

| Modified OBOComponent 1156 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0] | | |
| | 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0] | | |
| | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16751 has name [paraxial mesenchyme] | | |
| | 2. Different Parents - Referenced | | |

| | |
|-----------------------------------|--|
| Modified OBOComponent 1156 | |
| | OBOComponent EMAPA:16751 has parents [TH:00001, EMAPA:16749] |

| | | | |
|---------------------------------------|---|-------------|------------------------|
| Modified OBOComponent 1157 | | | |
| <i>ID</i> | EMAPA:16752 | <i>Name</i> | <i>Starts At</i> |
| TS15 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:16751[tail paraxial mesenchyme] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Primary Path</i> |
| <i>Alternate Paths</i> | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16752, name=unsegmented mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16752, name=unsegmented mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0]]</p> <p>3. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy,</p> | | |

| Modified OBOComponent 1157 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16752, name=unsegmented mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16752 has synonyms [presomitic mesenchyme] | | |

| Modified OBOComponent 1158 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:16743 | Name | Starts At |
| TS15 | Ends At | TS15 | Primary Parents |
| EMAPA:16740[tracheal diverticulum] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16737, name=respiratory tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16738, name=lower respiratory tract, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 1158 | | | |
|----------------------------|---|-------------|---------|
| | start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16739, name=laryngo-tracheal groove, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS17, present=0], OBOComponent [id=EMAPA:16740, name=tracheal diverticulum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS15, present=0], OBOComponent [id=EMAPA:16743, name=tracheal diverticulum vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS15, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16743 has name [vascular element] | | |

| Modified OBOComponent 1159 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:16742 | Name | Starts At |
| TS15 | Ends At | TS15 | Primary Parents |
| EMAPA:16740[tracheal diverticulum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16737, name=respiratory tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16738, name=lower respiratory tract, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16739, name=laryngo-tracheal groove, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS17, present=0], OBOComponent [id=EMAPA:16740, name=tracheal diverticulum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS15, present=0], OBOComponent [id=EMAPA:16742, name=tracheal diverticulum epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 1159 | | | |
|----------------------------|---|-------------|---------|
| | start=TS15, end=TS15, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16742 has name [epithelium] | | |

| Modified OBOComponent 1160 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:16745 | Name | Starts At |
| TS15 | Ends At | TS16 | Primary Parents |
| EMAPA:16744[mesonephros] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16367, name=genitourinary system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16744, name=mesonephros, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16745, name=mesonephros associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16745 has name [associated mesenchyme] | | |

| Modified OBOComponent 1161 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16747 | Name | Starts At |
| TS15 | Ends At | TS16 | Primary Parents |
| EMAPA:16744[mesonephros] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1161 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16367, name=genitourinary system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16744, name=mesonephros, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16747, name=mesonephric tubule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16747 has name [tubule] | | |

| Modified OBOComponent 1162 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:16746 | Name | Starts At |
| TS15 | Ends At | TS16 | Primary Parents |
| EMAPA:16744[mesonephros] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16367, name=genitourinary system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16744, name=mesonephros, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16746, name=mesonephros non-tubular part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16746 has name [non-tubular part] | | |

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| Modified OBOComponent 1163 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:16749 | Name | Starts At |
| TS15 | Ends At | TS26 | Primary Parents |
| EMAPA:16748[tail] EMAPA:16097[mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0]]</p> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16749 has name [mesenchyme] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:16749 has parents [EMAPA:16748, EMAPA:16097] | | |

| Modified OBOComponent 1164 | | | |
|---|--|------|-----------------|
| ID | EMAPA:26172 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:26164[cavity of physiological umbilical hernia] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> | | |

| Modified OBOComponent 1164 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:26164, name=cavity of physiological umbilical hernia, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:26172, name=cavity of physiological umbilical hernia mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26172 has name [mesothelium] | | |

| Modified OBOComponent 1165 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:16755 | Name | Starts At |
| TS15 | Ends At | TS19 | Primary Parents |
| EMAPA:16754[tail central nervous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16753, name=tail nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16754, name=tail central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16755, name=tail future spinal cord, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16755 has name [future spinal cord] | | |

| Modified OBOComponent 1166 | | | |
|----------------------------|--|--|--|
| | | | |

| Modified OBOComponent 1166 | | | |
|----------------------------------|--|-------------|-----------------|
| ID | EMAPA:16754 | Name | Starts At |
| TS15 | Ends At | TS26 | Primary Parents |
| EMAPA:16753[tail nervous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16753, name=tail nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16754, name=tail central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16754 has name [central nervous system] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16754 has synonyms [CNS] | | |

| Modified OBOComponent 1167 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:16753 | Name | Starts At |
| TS15 | Ends At | TS26 | Primary Parents |
| EMAPA:16748[tail] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16753, name=tail nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16753 has name [nervous system] | | |

| Modified OBOComponent 1168 | | | |
|--------------------------------------|---|-------------|-----------------|
| ID | EMAPA:16757 | Name | Starts At |
| TS15 | Ends At | TS19 | Primary Parents |
| EMAPA:16755[tail future spinal cord] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16753, name=tail nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16754, name=tail central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16755, name=tail future spinal cord, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0], OBOComponent [id=EMAPA:16757, name=tail neural tube, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16757 has name [neural tube] | | |

| Modified OBOComponent 1169 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:27291 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18921[perineal body] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1169 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18921, name=perineal body, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27291, name=perineal body mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27291 has name [mucosa] | | |

| Modified OBOComponent 1170 | | | |
|--------------------------------|--|-------------|-----------------|
| ID | EMAPA:16774 | Name | Starts At |
| TS16 | Ends At | TS22 | Primary Parents |
| EMAPA:16773[pleural component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16773, name=pleural component, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:16774, name=pleural component cavity, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16774 has name [cavity] | | |

| Modified OBOComponent 1171 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:27299 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18921[perineal body] | | | Group Parents |

| Modified OBOComponent 1171 | | | |
|----------------------------|---|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18921, name=perineal body, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27299, name=perineal body muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27299 has name [muscularis] | | |

| Modified OBOComponent 1172 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:27295 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18921[perineal body] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary | | |

| Modified OBOComponent 1172 | | | |
|----------------------------|---|-------------|---------|
| | system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18921, name=perineal body, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27295, name=perineal body submucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27295 has name [submucosa] | | |

| Modified OBOComponent 1173 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:19432 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17674[cervical vertebra] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00028, name=vertebra, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:17674, name=cervical vertebra, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:19432, name=C2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 1173

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dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17215, name=axial skeleton
cervical region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17674, name=cervical
vertebra, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19432, name=C2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

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3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00028, name=vertebra,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17674, name=cervical
vertebra, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19432, name=C2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
```

| Modified OBOComponent 1173 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17215, name=axial skeleton cervical region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17674, name=cervical vertebra, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:19432, name=C2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:19432 has synonyms [axis] | | |

| Modified OBOComponent 1174 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:19431 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17674[cervical vertebra] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00028, name=vertebra, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:17674, name=cervical vertebra, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:19431, name=C1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | 2. [| | |

Modified OBOComponent 1174

```
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17215, name=axial skeleton
cervical region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17674, name=cervical
vertebra, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19431, name=C1,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00028, name=vertebra,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17674, name=cervical
vertebra, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19431, name=C1,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
```


| Modified OBOComponent 1174 | | | |
|----------------------------|--|--|---------|
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17215, name=axial skeleton cervical region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17674, name=cervical vertebra, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:19431, name=C1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:19431 has synonyms [atlas] | | |

| Modified OBOComponent 1175 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16784 | Name | Starts At |
| TS16 | Ends At | TS16 | Primary Parents |
| EMAPA:16656[telencephalon lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16640, name=future forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16652, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 1175 | | | |
|----------------------------|---|-------------|---------|
| | start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16656, name=telencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16784, name=telencephalon ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16784 has name [ventricular layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16784 has synonyms [ependymal layer] | | |

| Modified OBOComponent 1176 | | | |
|---|--|-------------|-----------------|
| ID | EMAPA:16785 | Name | Starts At |
| TS16 | Ends At | TS16 | Primary Parents |
| EMAPA:16474[future midbrain lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16472, name=future midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16474, name=future midbrain lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16785, name=future midbrain ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16785 has name [ventricular layer] | | |
| | 2. Different Synonyms - Referenced | | |

| | |
|-----------------------------------|---|
| Modified OBOComponent 1176 | |
| | OBOComponent EMAPA:16785 has synonyms [ependymal layer] |

| | | | |
|--|--|--------------------|------------------------|
| Modified OBOComponent 1177 | | | |
| <i>ID</i> | EMAPA:16782 | <i>Name</i> | <i>Starts At</i> |
| TS16 | <i>Ends At</i> | TS16 | <i>Primary Parents</i> |
| EMAPA:16650[diencephalon lateral wall] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Primary Path</i> |
| <i>Alternate Paths</i> | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16640, name=future forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16641, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16650, name=diencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16782, name=diencephalon ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS16, present=0]] | | |
| <i>Rule Status</i> | PASSED | <i>Edit Status</i> | CHANGED |
| <i>Comments</i> | 1. Different Name - Referenced OBOComponent EMAPA:16782 has name [ventricular layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16782 has synonyms [ependymal layer] | | |

| | | | |
|-----------------------------------|----------------|-------------|------------------------|
| Modified OBOComponent 1178 | | | |
| <i>ID</i> | EMAPA:16780 | <i>Name</i> | <i>Starts At</i> |
| TS16 | <i>Ends At</i> | TS19 | <i>Primary Parents</i> |
| EMAPA:16779[hindlimb bud] | | | <i>Group Parents</i> |
| | | | |

| Modified OBOComponent 1178 | | | |
|----------------------------|---|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16779, name=hindlimb bud, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS19, present=0], OBOComponent [id=EMAPA:16780, name=hindlimb bud ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:16780 has End Stage TS18 | | |
| | 2. Different Name - Referenced OBOComponent EMAPA:16780 has name [ectoderm] | | |

| Modified OBOComponent 1179 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:16781 | Name | Starts At |
| TS16 | Ends At | TS19 | Primary Parents |
| EMAPA:16779[hindlimb bud] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16779, name=hindlimb bud, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS19, present=0], OBOComponent [id=EMAPA:16781, name=hindlimb bud mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:16781 has End Stage TS18 | | |
| | 2. Different Name - Referenced OBOComponent | | |

| | |
|-----------------------------------|-----------------------------------|
| Modified OBOComponent 1179 | |
| | EMAPA:16781 has name [mesenchyme] |

| | | | |
|---|--|-------------|-----------------|
| Modified OBOComponent 1180 | | | |
| ID | EMAPA:27287 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27263[gastro-oesophageal junction mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18855, name=gastro- oesophageal junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27263, name=gastro- oesophageal junction mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27287, name=gastro- oesophageal junction muscularis mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27287 has name [muscularis mucosa] | | |

| | | | |
|---|---|------|-----------------|
| Modified OBOComponent 1181 | | | |
| ID | EMAPA:19419 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:19415[cervical intervertebral disc] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

Modified OBOComponent 1181

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00029, name=intervertebral
disc, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19415, name=cervical
intervertebral disc, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19419, name=C2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17215, name=axial skeleton
cervical region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19415, name=cervical
intervertebral disc, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19419, name=C2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
```


Modified OBOComponent 1181

| | | | |
|--|--|-------------|---------|
| OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00029, name=intervertebral disc, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:19415, name=cervical intervertebral disc, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:19419, name=C2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | | | |
| 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17215, name=axial skeleton cervical region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:19415, name=cervical intervertebral disc, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:19419, name=C2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:19419 has synonyms [axis] | | |

Modified OBOComponent 1182

| | | | |
|-----------------------------|-------------|------|-----------------|
| ID | EMAPA:26151 | Name | Starts At |
| TS15 | Ends At | TS26 | Primary Parents |
| EMAPA:26139[vitelline duct] | | | Group Parents |

| | | | |
|-----------------------------------|--|--------------------|---------------------|
| Modified OBOComponent 1182 | | | |
| | | | <i>Synonyms</i> |
| [] | | | <i>Primary Path</i> |
| <i>Alternate Paths</i> | | | |
| <i>Rule Status</i> | PASSED | <i>Edit Status</i> | CHANGED |
| <i>Comments</i> | 1. Different Name - Referenced OBOComponent EMAPA:26151 has name [vitelline vein itelline duct part] | | |

| | | | |
|---|--|--------------------|------------------------|
| Modified OBOComponent 1183 | | | |
| <i>ID</i> | EMAPA:27283 | <i>Name</i> | <i>Starts At</i> |
| TS24 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:27263[gastro-oesophageal junction mucosa] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Primary Path</i> |
| <i>Alternate Paths</i> | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18855, name=gastro-oesophageal junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27263, name=gastro-oesophageal junction mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27283, name=gastro-oesophageal junction lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| <i>Rule Status</i> | PASSED | <i>Edit Status</i> | CHANGED |
| <i>Comments</i> | 1. Different Name - Referenced OBOComponent EMAPA:27283 has name [lamina propria] | | |

| | | | |
|---|----------------|-------------|------------------------|
| Modified OBOComponent 1184 | | | |
| <i>ID</i> | EMAPA:19415 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17215[axial skeleton cervical region] | | | <i>Group Parents</i> |

| | |
|-------------------------------|---|
| Modified OBOComponent 1184 | |
| TH:00029[intervertebral disc] | |
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00029, name=intervertebral disc, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:19415, name=cervical intervertebral disc, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17215, name=axial skeleton cervical region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:19415, name=cervical intervertebral disc, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false,]</p> |

Modified OBOComponent 1184

| | | | |
|-------------|--|-------------|---------|
| | start=TS22, end=TS26, present=0]] | | |
| | 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00029, name=intervertebral disc, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:19415, name=cervical intervertebral disc, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17215, name=axial skeleton cervical region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:19415, name=cervical intervertebral disc, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19415 has name [intervertebral disc] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:19415 has parents [EMAPA:17215, TH:00029] | | |

Modified OBOComponent 1185

| | | | |
|---|-------------|------|-----------------|
| ID | EMAPA:19416 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:19415[cervical intervertebral disc] | | | Group Parents |
| | | | |

Modified OBOComponent 1185

| | | Synonyms |
|-----------------|--|--------------|
| [] | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00029, name=intervertebral disc, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:19415, name=cervical intervertebral disc, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:19416, name=C1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17215, name=axial skeleton cervical region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:19415, name=cervical intervertebral disc, statusChange=CHANGED,</p> | |

Modified OBOComponent 1185

```
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19416, name=C1,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00029, name=intervertebral
disc, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19415, name=cervical
intervertebral disc, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19416, name=C1,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17215, name=axial skeleton
cervical region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19415, name=cervical
intervertebral disc, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19416, name=C1,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:19416 has synonyms [atlas] | | |

| | | | |
|---|--|--------------------|------------------------|
| Modified OBOComponent 1186 | | | |
| <i>ID</i> | EMAPA:16778 | <i>Name</i> | <i>Starts At</i> |
| TS16 | <i>Ends At</i> | TS18 | <i>Primary Parents</i> |
| TH:00023[apical ectodermal ridge] EMAPA:16407[forelimb bud ectoderm] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Primary Path</i> |
| <i>Alternate Paths</i> | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00083, name=limb ectoderm, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00023, name=apical ectodermal ridge, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS19, present=0], OBOComponent [id=EMAPA:16778, name=forelimb bud apical ectodermal ridge, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16406, name=forelimb bud, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16407, name=forelimb bud ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16778, name=forelimb bud apical ectodermal ridge, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0]]</p> | | |
| <i>Rule Status</i> | PASSED | <i>Edit Status</i> | CHANGED |
| <i>Comments</i> | 1. Different Name - Referenced OBOComponent EMAPA:16778 has name [apical ectodermal ridge] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:16778 has parents [TH:00023, EMAPA:16407] | | |
| | 3. Different Synonyms - Referenced OBOComponent EMAPA:16778 has synonyms [AER] | | |

| Modified OBOComponent 1187 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:16777 | Name | Starts At |
| TS16 | Ends At | TS22 | Primary Parents |
| EMAPA:16775[pleural component mesothelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16773, name=pleural component, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:16775, name=pleural component mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:16777, name=pleural component visceral mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16777 has name [visceral] | | |

| Modified OBOComponent 1188 | | | |
|--|---|------|-----------------|
| ID | EMAPA:16776 | Name | Starts At |
| TS16 | Ends At | TS22 | Primary Parents |
| EMAPA:16775[pleural component mesothelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 1188 | | | |
|----------------------------|--|-------------|---------|
| | start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16773, name=pleural component, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:16775, name=pleural component mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:16776, name=pleural component parietal mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16776 has name [parietal] | | |

| Modified OBOComponent 1189 | | | |
|--------------------------------|--|-------------|-----------------|
| ID | EMAPA:16775 | Name | Starts At |
| TS16 | Ends At | TS22 | Primary Parents |
| EMAPA:16773[pleural component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16773, name=pleural component, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:16775, name=pleural component mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16775 has name [mesothelium] | | |

| Modified OBOComponent 1190 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:16701 | Name | Starts At |
| TS15 | Ends At | TS15 | Primary Parents |

| Modified OBOComponent 1190 | | | |
|---------------------------------|---|---------------|---------|
| EMAPA:16700[oesophageal region] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16700, name=oesophageal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS15, present=0], OBOComponent [id=EMAPA:16701, name=oesophageal region associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS15, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16701 has name [associated mesenchyme] | | |

| Modified OBOComponent 1191 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:16702 | Name | Starts At |
| TS15 | Ends At | TS15 | Primary Parents |
| EMAPA:16700[oesophageal region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], | | |

| Modified OBOComponent 1191 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16700, name=oesophageal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS15, present=0], OBOComponent [id=EMAPA:16702, name=oesophageal region epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS15, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16702 has name [epithelium] | | |

| Modified OBOComponent 1192 | | | |
|---------------------------------|---|------|-----------------|
| ID | EMAPA:16703 | Name | Starts At |
| TS15 | Ends At | TS15 | Primary Parents |
| EMAPA:16700[oesophageal region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16700, name=oesophageal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS15, present=0], OBOComponent [id=EMAPA:16703, name=oesophageal region mesentery, statusChange=CHANGED, | | |

| Modified OBOComponent 1192 | | | |
|----------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS15, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16703 has name [mesentery] | | |

| Modified OBOComponent 1193 | | | |
|---------------------------------|--|-------------|-----------------|
| ID | EMAPA:16705 | Name | Starts At |
| TS15 | Ends At | TS15 | Primary Parents |
| EMAPA:16700[oesophageal region] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16700, name=oesophageal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS15, present=0], OBOComponent [id=EMAPA:16705, name=oesophageal region vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS15, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16705 has name [vascular element] | | |

| Modified OBOComponent 1194 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:16707 | Name | Starts At |
| TS15 | Ends At | TS22 | Primary Parents |
| EMAPA:16706[pharynx] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [| | |

| Modified OBOComponent 1194 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:16707, name=pharynx associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS22, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16707 has name [associated mesenchyme] | | |

| Modified OBOComponent 1195 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16708 | Name | Starts At |
| TS15 | Ends At | TS22 | Primary Parents |
| EMAPA:16706[pharynx] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1195 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:16708, name=pharynx epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16708 has name [epithelium] | | |

| Modified OBOComponent 1196 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:16709 | Name | Starts At |
| TS15 | Ends At | TS23 | Primary Parents |
| EMAPA:16706[pharynx] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:16709, name=pharynx vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent | | |

| | |
|-----------------------------------|---|
| Modified OBOComponent 1196 | |
| | EMAPA:16709 has name [vascular element] |

| | | | |
|--|---|-------------|-----------------|
| Modified OBOComponent 1197 | | | |
| ID | EMAPA:16711 | Name | Starts At |
| TS15 | Ends At | TS17 | Primary Parents |
| EMAPA:16710[rest of foregut mesentery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16553, name=rest of foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS17, present=0], OBOComponent [id=EMAPA:16710, name=rest of foregut mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS17, present=0], OBOComponent [id=EMAPA:16711, name=rest of foregut dorsal mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16711 has name [dorsal mesentery] | | |

| | | | |
|--|--|------|-----------------|
| Modified OBOComponent 1198 | | | |
| ID | EMAPA:16712 | Name | Starts At |
| TS15 | Ends At | TS17 | Primary Parents |
| EMAPA:16710[rest of foregut mesentery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 1198 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16553, name=rest of foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS17, present=0], OBOComponent [id=EMAPA:16710, name=rest of foregut mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS17, present=0], OBOComponent [id=EMAPA:16712, name=rest of foregut ventral mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS17, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16712 has name [ventral mesentery] | | |

| Modified OBOComponent 1199 | | | |
|------------------------------|--|------|-----------------|
| ID | EMAPA:16710 | Name | Starts At |
| TS15 | Ends At | TS17 | Primary Parents |
| EMAPA:16553[rest of foregut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], | | |

| Modified OBOComponent 1199 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16553, name=rest of foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS17, present=0], OBOComponent [id=EMAPA:16710, name=rest of foregut mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS17, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16710 has name [mesentery] | | |

| Modified OBOComponent 1200 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:16716 | Name | Starts At |
| TS15 | Ends At | TS23 | Primary Parents |
| EMAPA:16715[hindgut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:16716 has End Stage TS20 | | |
| | 2. Different Name - Referenced OBOComponent EMAPA:16716 has name [associated mesenchyme] | | |

| Modified OBOComponent 1201 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16713 | Name | Starts At |
| TS15 | Ends At | TS15 | Primary Parents |
| EMAPA:16561[biliary bud] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary | | |

| Modified OBOComponent 1201 | | | |
|----------------------------|---|-------------|---------|
| | system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:16561, name=biliary bud, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS15, present=0], OBOComponent [id=EMAPA:16713, name=gall bladder primordium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS15, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16713 has synonyms [cystic primordium] | | |

| Modified OBOComponent 1202 | | | |
|--|--|------|-----------------|
| ID | EMAPA:16714 | Name | Starts At |
| TS15 | Ends At | TS19 | Primary Parents |
| EMAPA:16365[foregut-midgut junction mesentery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:16365, name=foregut-midgut junction mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:16714, name=foregut-midgut junction ventral mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 1202 | | | |
|----------------------------|--|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16714 has name [ventral mesentery] | | |

| Modified OBOComponent 1203 | | | |
|---------------------------------------|---|-------------|-----------------|
| ID | EMAPA:16719 | Name | Starts At |
| TS15 | Ends At | TS20 | Primary Parents |
| EMAPA:16718[hindgut mesentery] | | | Group Parents |
| | | | Synonyms |
| [dorsal mesocolon, dorsal mesorectum] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16719 has name [dorsal mesentery] | | |

| Modified OBOComponent 1204 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:16717 | Name | Starts At |
| TS15 | Ends At | TS23 | Primary Parents |
| EMAPA:16715[hindgut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:16717 has End Stage TS20 | | |
| | 2. Different Name - Referenced OBOComponent EMAPA:16717 has name [epithelium] | | |

| Modified OBOComponent 1205 | | | |
|-----------------------------|--|-------------|-----------------|
| ID | EMAPA:26127 | Name | Starts At |
| TS13 | Ends At | TS26 | Primary Parents |
| EMAPA:26115[umbilical cord] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:26127 has synonyms [Wharton's jelly] | | |

| Modified OBOComponent 1206 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:16718 | Name | Starts At |
| TS15 | Ends At | TS20 | Primary Parents |
| EMAPA:16715[hindgut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |

| Modified OBOComponent 1206 | | | |
|----------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16718 has name [mesentery] | | |

| Modified OBOComponent 1207 | | | |
|---|--|------|-----------------|
| ID | EMAPA:19489 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| TH:00029[intervertebral disc] EMAPA:17396[axial skeleton thoracic region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00029, name=intervertebral disc, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:19489, name=thoracic intervertebral disc, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]]</pre> <p>2. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</pre> <p>]</p> | | |

Modified OBOComponent 1207

```
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17396, name=axial skeleton
thoracic region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS16, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19489, name=thoracic
intervertebral disc, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00029, name=intervertebral
disc, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19489, name=thoracic
intervertebral disc, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17396, name=axial skeleton
thoracic region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS16, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19489, name=thoracic
intervertebral disc, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS26, present=0 ]]
```

| | | | |
|-------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19489 has name [intervertebral disc] | | |
| | 2. Different Parents - Referenced | | |

| Modified OBOComponent 1207 | |
|----------------------------|--|
| | OBOComponent EMAPA:19489 has parents [TH:00029, EMAPA:17396] |

| Modified OBOComponent 1208 | | | |
|---------------------------------|---|-------------|-----------------|
| ID | EMAPA:16730 | Name | Starts At |
| TS15 | Ends At | TS19 | Primary Parents |
| EMAPA:16729[left lung rudiment] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16729, name=left lung rudiment, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0], OBOComponent [id=EMAPA:16730, name=left lung rudiment associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16730 has name [associated mesenchyme] | | |

| Modified OBOComponent 1209 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16726 | Name | Starts At |
| TS15 | Ends At | TS15 | Primary Parents |
| EMAPA:16262[oral region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

| Modified OBOComponent 1209 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16726, name=oral region rest of ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS15, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16726 has name [rest of ectoderm] | | |

| Modified OBOComponent 1210 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:16720 | Name | Starts At |
| TS15 | Ends At | TS20 | Primary Parents |
| EMAPA:16715[hindgut] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16720 has name [vascular element] | | |

| Modified OBOComponent 1211 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16721 | Name | Starts At |
| TS15 | Ends At | TS16 | Primary Parents |
| EMAPA:16255[midgut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1211 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:16721, name=midgut mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16721 has name [mesentery] | | |

| Modified OBOComponent 1212 | | | |
|-------------------------------|---|-------------|-----------------|
| ID | EMAPA:16722 | Name | Starts At |
| TS15 | Ends At | TS16 | Primary Parents |
| EMAPA:16721[midgut mesentery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:16721, name=midgut mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16722, name=midgut dorsal mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16722 has name [dorsal mesentery] | | |

| Modified OBOComponent 1213 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:16723 | Name | Starts At |
| TS15 | Ends At | TS26 | Primary Parents |
| EMAPA:16262[oral region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16723, name=oral region gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16723 has name [gland] | | |

| Modified OBOComponent 1214 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:16741 | Name | Starts At |
| TS15 | Ends At | TS15 | Primary Parents |
| EMAPA:16740[tracheal diverticulum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], | | |

| Modified OBOComponent 1214 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16737, name=respiratory tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16738, name=lower respiratory tract, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16739, name=laryngo-tracheal groove, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS17, present=0], OBOComponent [id=EMAPA:16740, name=tracheal diverticulum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS15, present=0], OBOComponent [id=EMAPA:16741, name=tracheal diverticullum associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS15, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16741 has name [associated mesenchyme] | | |

| Modified OBOComponent 1215 | | | |
|--------------------------------|---|-------------|-----------------|
| ID | EMAPA:16738 | Name | Starts At |
| TS15 | Ends At | TS26 | Primary Parents |
| EMAPA:16737[respiratory tract] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16737, name=respiratory tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16738, name=lower respiratory tract, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 1215 | |
|----------------------------|--|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16738 has name [lower] |

| Modified OBOComponent 1216 | | | |
|----------------------------------|--|-------------|-----------------|
| ID | EMAPA:16735 | Name | Starts At |
| TS15 | Ends At | TS19 | Primary Parents |
| EMAPA:16733[right lung rudiment] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16733, name=right lung rudiment, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0], OBOComponent [id=EMAPA:16735, name=right lung rudiment epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16735 has name [epithelium] | | |

| Modified OBOComponent 1217 | | | |
|----------------------------------|---|------|-----------------|
| ID | EMAPA:16736 | Name | Starts At |
| TS15 | Ends At | TS19 | Primary Parents |
| EMAPA:16733[right lung rudiment] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

| Modified OBOComponent 1217 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16733, name=right lung rudiment, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0], OBOComponent [id=EMAPA:16736, name=right lung rudiment vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16736 has name [vascular element] | | |

| Modified OBOComponent 1218 | | | |
|----------------------------------|--|------|-----------------|
| ID | EMAPA:16734 | Name | Starts At |
| TS15 | Ends At | TS19 | Primary Parents |
| EMAPA:16733[right lung rudiment] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16733, name=right lung rudiment, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0], | | |

| Modified OBOComponent 1218 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16734, name=right lung rudiment associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16734 has name [associated mesenchyme] | | |

| Modified OBOComponent 1219 | | | |
|---------------------------------|--|-------------|-----------------|
| ID | EMAPA:16731 | Name | Starts At |
| TS15 | Ends At | TS19 | Primary Parents |
| EMAPA:16729[left lung rudiment] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16729, name=left lung rudiment, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0], OBOComponent [id=EMAPA:16731, name=left lung rudiment epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16731 has name [epithelium] | | |

| Modified OBOComponent 1220 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:16732 | Name | Starts At |
| TS15 | Ends At | TS19 | Primary Parents |
| EMAPA:16729[left lung rudiment] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

| Modified OBOComponent 1220 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16729, name=left lung rudiment, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0], OBOComponent [id=EMAPA:16732, name=left lung rudiment vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16732 has name [vascular element] | | |

| Modified OBOComponent 1221 | | | |
|--|---|------|-----------------|
| ID | EMAPA:19468 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:17393[axial skeleton lumbar region] TH:00029[intervertebral disc] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, | | |

Modified OBOComponent 1221

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00029, name=intervertebral
disc, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19468, name=lumbar
intervertebral disc, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17393, name=axial skeleton
lumbar region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19468, name=lumbar
intervertebral disc, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00029, name=intervertebral
disc, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19468, name=lumbar
intervertebral disc, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS26, present=0 ]]
```

| Modified OBOComponent 1221 | | | |
|----------------------------|--|-------------|---------|
| | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17393, name=axial skeleton lumbar region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:19468, name=lumbar intervertebral disc, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19468 has name [intervertebral disc] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:19468 has parents [EMAPA:17393, TH:00029] | | |

| Modified OBOComponent 1222 | | | |
|--------------------------------------|--|------|-----------------|
| ID | EMAPA:27227 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:18257[anal canal rostral part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], | | |

| Modified OBOComponent 1222 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18257, name=anal canal rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:27227, name=anal canal rostral part submucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27227 has name [submucosa] | | |

| Modified OBOComponent 1223 | | | |
|--------------------------------------|--|-------------|-----------------|
| ID | EMAPA:27225 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:18257[anal canal rostral part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18257, name=anal canal rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:27225, name=anal canal rostral partmucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27225 has name [mucosa] | | |

| Modified OBOComponent 1224 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:27229 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27225[anal canal rostral partmucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18257, name=anal canal rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:27225, name=anal canal rostral partmucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27229, name=anal canal rostral part epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27229 has name [epithelium] | | |

| Modified OBOComponent 1225 | | | |
|-----------------------------------|--|------|-----------------|
| ID | EMAPA:17028 | Name | Starts At |
| TS17 | Ends At | TS20 | Primary Parents |
| EMAPA:16251[hindgut diverticulum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

| Modified OBOComponent 1225 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16251, name=hindgut diverticulum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS20, present=0], OBOComponent [id=EMAPA:17028, name=hindgut diverticulum postanal component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17028 has name [postanal component] | | |

| Modified OBOComponent 1226 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17029 | Name | Starts At |
| TS17 | Ends At | TS20 | Primary Parents |
| EMAPA:17028[hindgut diverticulum postanal component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16251, name=hindgut | | |

| Modified OBOComponent 1226 | | | |
|----------------------------|---|-------------|---------|
| | diverticulum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS20, present=0], OBOComponent [id=EMAPA:17028, name=hindgut diverticulum postanal component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0], OBOComponent [id=EMAPA:17029, name=hindgut diverticulum postanal component associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17029 has name [associated mesenchyme] | | |

| Modified OBOComponent 1227 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:28485 | Name | Starts At |
| TS23 | Ends At | TS28 | Primary Parents |
| EMAPA:17952[renal cortex] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17952, name=renal cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28485, name=maturing nephron, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS23, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Primary Status - Referenced OBOComponent was a Primary component. | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:28485 has synonyms [stage IV nephron] | | |

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| Modified OBOComponent 1228 | | | |
|-----------------------------------|--|-------------|-----------------|
| ID | EMAPA:17032 | Name | Starts At |
| TS17 | Ends At | TS20 | Primary Parents |
| EMAPA:16251[hindgut diverticulum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16251, name=hindgut diverticulum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS20, present=0], OBOComponent [id=EMAPA:17032, name=hindgut diverticulum preanal component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17032 has name [preanal component] | | |

| Modified OBOComponent 1229 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17031 | Name | Starts At |
| TS17 | Ends At | TS20 | Primary Parents |
| EMAPA:17028[hindgut diverticulum postanal component] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1229 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16251, name=hindgut diverticulum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS20, present=0], OBOComponent [id=EMAPA:17028, name=hindgut diverticulum postanal component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0], OBOComponent [id=EMAPA:17031, name=hindgut diverticulum postanal component vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17031 has name [vascular element] | | |

| Modified OBOComponent 1230 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17034 | Name | Starts At |
| TS17 | Ends At | TS20 | Primary Parents |
| EMAPA:17032[hindgut diverticulum preanal component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16251, name=hindgut diverticulum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS20, present=0], OBOComponent [id=EMAPA:17032, name=hindgut | | |

| Modified OBOComponent 1230 | | | |
|----------------------------|--|-------------|---------|
| | diverticulum preanal component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0], OBOComponent [id=EMAPA:17034, name=hindgut diverticulum preanal component epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17034 has name [epithelium] | | |

| Modified OBOComponent 1231 | | | |
|---|--|-------------|-----------------|
| ID | EMAPA:17033 | Name | Starts At |
| TS17 | Ends At | TS20 | Primary Parents |
| EMAPA:17032[hindgut diverticulum preanal component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16251, name=hindgut diverticulum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS20, present=0], OBOComponent [id=EMAPA:17032, name=hindgut diverticulum preanal component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0], OBOComponent [id=EMAPA:17033, name=hindgut diverticulum preanal component associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17033 has name [associated mesenchyme] | | |

| Modified OBOComponent 1232 | | | |
|----------------------------|--|--|--|
| | | | |

| Modified OBOComponent 1232 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17036 | Name | Starts At |
| TS17 | Ends At | TS23 | Primary Parents |
| EMAPA:16255[midgut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17036, name=midgut loop, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17036 has name [loop] | | |

| Modified OBOComponent 1233 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17035 | Name | Starts At |
| TS17 | Ends At | TS20 | Primary Parents |
| EMAPA:17032[hindgut diverticulum preanal component] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, | | |

| Modified OBOComponent 1233 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16251, name=hindgut diverticulum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS20, present=0], OBOComponent [id=EMAPA:17032, name=hindgut diverticulum preanal component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0], OBOComponent [id=EMAPA:17035, name=hindgut diverticulum preanal component vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17035 has name [vascular element] | | |

| Modified OBOComponent 1234 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17038 | Name | Starts At |
| TS17 | Ends At | TS22 | Primary Parents |
| EMAPA:17036[midgut loop] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17036, name=midgut loop, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17038, name=midgut loop | | |

| Modified OBOComponent 1234 | | | |
|----------------------------|---|-------------|---------|
| | epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17038 has name [epithelium] | | |

| Modified OBOComponent 1235 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:17037 | Name | Starts At |
| TS17 | Ends At | TS22 | Primary Parents |
| EMAPA:17036[midgut loop] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17036, name=midgut loop, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17037, name=midgut loop associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17037 has name [associated mesenchyme] | | |

| Modified OBOComponent 1236 | | | |
|--|-------------|------|-----------------|
| ID | EMAPA:27231 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27225[anal canal rostral partmucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| | | | |

| Modified OBOComponent 1236 | | | |
|----------------------------|--|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18257, name=anal canal rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:27225, name=anal canal rostral partmucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27231, name=anal canal rostral part lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27231 has name [lamina propria] | | |

| Modified OBOComponent 1237 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:27235 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18852[duodenum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1237 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:27235, name=duodenum mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27235 has name [mucosa] | | |

| Modified OBOComponent 1238 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17030 | Name | Starts At |
| TS17 | Ends At | TS20 | Primary Parents |
| EMAPA:17028[hindgut diverticulum postanal component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16251, name=hindgut diverticulum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS20, present=0], OBOComponent [id=EMAPA:17028, name=hindgut diverticulum postanal component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0], OBOComponent [id=EMAPA:17030, name=hindgut diverticulum postanal component epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, | | |

| Modified OBOComponent 1238 | | | |
|----------------------------|--|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17030 has name [epithelium] | | |

| Modified OBOComponent 1239 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:27233 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27225[anal canal rostral partmucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18257, name=anal canal rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:27225, name=anal canal rostral partmucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27233, name=anal canal rostral part gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27233 has name [gland] | | |

| Modified OBOComponent 1240 | | | |
|-------------------------------------|-------------|------|-----------------|
| ID | EMAPA:27215 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:18261[anal canal caudal part] | | | Group Parents |

| Modified OBOComponent 1240 | | | |
|----------------------------|--|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18261, name=anal canal caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:27215, name=anal canal caudal part mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27215 has name [mucosa] | | |

| Modified OBOComponent 1241 | | | |
|-------------------------------------|--|------|-----------------|
| ID | EMAPA:27217 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:18261[anal canal caudal part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], | | |

| Modified OBOComponent 1241 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18261, name=anal canal caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:27217, name=anal canal caudal part submucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27217 has name [submucosa] | | |

| Modified OBOComponent 1242 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17806 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17804[spinal cord meninges] TH:00042[dura mater] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00040, name=meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00042, name=dura mater, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17806, name=spinal cord dura mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

Modified OBOComponent 1242

| | |
|-------------|---|
| | <pre> start=TS21, end=TS26, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00040, name=meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17804, name=spinal cord meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17806, name=spinal cord dura mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17577, name=spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17804, name=spinal cord meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17806, name=spinal cord dura mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] </pre> |
| Rule Status | <div>PASSED</div> <div>Edit Status</div> <div>CHANGED</div> |
| Comments | 1. Different Name - Referenced OBOComponent |

| Modified OBOComponent 1242 | |
|----------------------------|---|
| | EMAPA:17806 has name [dura mater] |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17806 has parents [EMAPA:17804, TH:00042] |

| Modified OBOComponent 1243 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17807 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00043[pia mater] EMAPA:17804[spinal cord meninges] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00040, name=meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00043, name=pia mater, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17807, name=spinal cord pia mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> | | |

| Modified OBOComponent 1243 | | | |
|----------------------------|--|---|---------|
| | | OBOComponent [id=TH:00040, name=meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17804, name=spinal cord meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17807, name=spinal cord pia mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | |
| | | 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17577, name=spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17804, name=spinal cord meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17807, name=spinal cord pia mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17807 has name [pia mater] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17807 has parents [TH:00043, EMAPA:17804] | | |

| Modified OBOComponent 1244 | | | |
|--|--|------|-----------------|
| ID | EMAPA:27219 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27215[anal canal caudal part mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1244 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18261, name=anal canal caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:27215, name=anal canal caudal part mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27219, name=anal canal caudal part epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27219 has name [epithelium] | | |

| Modified OBOComponent 1245 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17019 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16240[venous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17019, name=principal vein of hindlimb, statusChange=CHANGED, | | |

| Modified OBOComponent 1245 | | | |
|----------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0 [] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17019 has synonyms [axial vein of limb] | | |

| Modified OBOComponent 1246 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:17800 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17576[trigeminal V nerve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17576, name=trigeminal V nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17800, name=trigeminal V nerve ophthalmic division, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> | | |

| Modified OBOComponent 1246 | | | |
|--|--|-------------|---------|
| group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00270, name=nerve, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17576, name=trigeminal V nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17800, name=trigeminal V nerve ophthalmic division, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17800 has name [ophthalmic division] | | |

| Modified OBOComponent 1247 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17801 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17264[cranial nerve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17801, name=vestibulocochlear VIII nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, | | |

| Modified OBOComponent 1247 | | | |
|----------------------------|---|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00270, name=nerve, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17801, name=vestibulocochlear VIII nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17801 has name [vestibulocochlear VIII] | | |

| Modified OBOComponent 1248 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17018 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16240[venous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, | | |

| Modified OBOComponent 1248 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17018, name=principal vein of forelimb, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17018 has synonyms [axial vein of limb] | | |

| Modified OBOComponent 1249 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17804 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17577[spinal cord] TH:00040[meninges] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00040, name=meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17804, name=spinal cord meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> | | |

| Modified OBOComponent 1249 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17577, name=spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17804, name=spinal cord meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17804 has name [meninges] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17804 has parents [EMAPA:17577, TH:00040] | | |

| Modified OBOComponent 1250 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17805 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00041[arachnoid mater] EMAPA:17804[spinal cord meninges] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00040, name=meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00041, name=arachnoid mater, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17805, name=spinal cord arachnoid mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

Modified OBOComponent 1250

| | | | |
|--|--|-------------|---------|
| <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00040, name=meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17804, name=spinal cord meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17805, name=spinal cord arachnoid mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]]</p> | | | |
| <p>3. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17577, name=spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17804, name=spinal cord meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17805, name=spinal cord arachnoid mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]]</p> | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17805 has name [arachnoid mater] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17805 has parents [TH:00041, EMAPA:17804] | | |

Modified OBOComponent 1251

| | | | |
|----|-------------|------|-----------|
| ID | EMAPA:17802 | Name | Starts At |
| | | | |

| Modified OBOComponent 1251 | | | |
|---|---|------|-----------------|
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17801[vestibulocochlear VIII nerve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17801, name=vestibulocochlear VIII nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17802, name=vestibulocochlear VIII nerve cochlear component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00270, name=nerve, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>]</p> | | |

| Modified OBOComponent 1251 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17801, name=vestibulocochlear VIII nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17802, name=vestibulocochlear VIII nerve cochlear component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17802 has name [cochlear component] | | |

| Modified OBOComponent 1252 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17803 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17801[vestibulocochlear VIII nerve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17801, name=vestibulocochlear VIII nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17803, name=vestibulocochlear VIII nerve vestibular component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

| Modified OBOComponent 1252 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00270, name=nerve, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17801, name=vestibulocochlear VIII nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17803, name=vestibulocochlear VIII nerve vestibular component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17803 has name [vestibular component] | | |

| Modified OBOComponent 1253 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17023 | Name | Starts At |
| TS17 | Ends At | TS23 | Primary Parents |
| EMAPA:17021[stomach] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], | | |

| Modified OBOComponent 1253 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17023, name=stomach epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:17023 has End Stage TS20 | | |
| | 2. Different Name - Referenced OBOComponent EMAPA:17023 has name [epithelium] | | |

| Modified OBOComponent 1254 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:17022 | Name | Starts At |
| TS17 | Ends At | TS23 | Primary Parents |
| EMAPA:17021[stomach] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17022, name=stomach associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| | | | |

| Modified OBOComponent 1254 | |
|----------------------------|--|
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:17022 has End Stage TS20 |
| | 2. Different Name - Referenced OBOComponent EMAPA:17022 has name [associated mesenchyme] |

| Modified OBOComponent 1255 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:17027 | Name | Starts At |
| TS17 | Ends At | TS20 | Primary Parents |
| EMAPA:17021[stomach] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17027, name=stomach vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17027 has name [vascular element] | | |

| Modified OBOComponent 1256 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17024 | Name | Starts At |
| TS17 | Ends At | TS23 | Primary Parents |
| EMAPA:17021[stomach] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 1256 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17024, name=stomach mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17024 has name [mesentery] | | |

| Modified OBOComponent 1257 | | | |
|--|--|------|-----------------|
| ID | EMAPA:27221 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27215[anal canal caudal part mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, | | |

| Modified OBOComponent 1257 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18261, name=anal canal caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:27215, name=anal canal caudal part mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27221, name=anal canal caudal part gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27221 has name [gland] | | |

| Modified OBOComponent 1258 | | | |
|--|--|------|-----------------|
| ID | EMAPA:27223 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27215[anal canal caudal part mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18261, name=anal canal caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:27215, name=anal canal caudal part mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 1258 | | | |
|----------------------------|--|-------------|---------|
| | start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27223, name=anal canal caudal part lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27223 has name [lamina propria] | | |

| Modified OBOComponent 1259 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:27209 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27199[stomach pyloric region mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17631, name=stomach pyloric region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:27199, name=stomach pyloric region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27209, name=stomach pyloric region lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27209 has name [lamina propria] | | |

| Modified OBOComponent 1260 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:27207 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27199[stomach pyloric region mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17631, name=stomach pyloric region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:27199, name=stomach pyloric region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27207, name=stomach pyloric region epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27207 has name [epithelium] | | |

| Modified OBOComponent 1261 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17817 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17815[labyrinth] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 1261 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17815, name=labyrinth, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17817, name=labyrinth epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17817 has name [epithelium] | | |

| Modified OBOComponent 1262 | | | |
|-------------------------------------|--|------|-----------------|
| ID | EMAPA:27205 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17631[stomach pyloric region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],] | | |

| Modified OBOComponent 1262 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17631, name=stomach pyloric region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:27205, name=stomach pyloric region serosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27205 has name [serosa] | | |

| Modified OBOComponent 1263 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17819 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17818[crus commune] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17286, name=inner ear vestibular component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17293, name=utricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17818, name=crus commune, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17819, name=crus commune associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |

| Modified OBOComponent 1263 | | | |
|----------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17819 has name [associated mesenchyme] | | |

| Modified OBOComponent 1264 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17813 | Name | Starts At |
| TS21 | Ends At | TS22 | Primary Parents |
| EMAPA:16989[spinal nerve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00270, name=nerve, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16989, name=spinal nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17813, name=phrenic nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS22, present=0]]</pre> <p>2. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16666, name=spinal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16989, name=spinal nerve,</pre> | | |

| Modified OBOComponent 1264 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17813, name=phrenic nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17813 has name [phrenic] | | |

| Modified OBOComponent 1265 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17816 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17815[labyrinth] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17815, name=labyrinth, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17816, name=associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17816 has name [associated mesenchyme] | | |

| Modified OBOComponent 1266 | | | |
|---|-------------|------|-----------------|
| ID | EMAPA:17009 | Name | Starts At |
| TS17 | Ends At | TS18 | Primary Parents |
| EMAPA:16820[common atrial chamber right part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [| | |

| Modified OBOComponent 1266 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16689, name=common atrial chamber, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16820, name=common atrial chamber right part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0], OBOComponent [id=EMAPA:17009, name=common atrial chamber right part valve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17009 has name [valve] | | |

| Modified OBOComponent 1267 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17014 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16827[aortico-pulmonary spiral septum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, | | |

| Modified OBOComponent 1267 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16346, name=outflow tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS22, present=0], OBOComponent [id=EMAPA:16827, name=aortico- pulmonary spiral septum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17014, name=ascending aorta, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17014 has synonyms [future] | | |

| Modified OBOComponent 1268 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:17015 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16827[aortico-pulmonary spiral septum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16346, name=outflow tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS22, present=0], OBOComponent [id=EMAPA:16827, name=aortico- pulmonary spiral septum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17015, name=pulmonary trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17015 has synonyms [future] | | |

| Modified OBOComponent 1269 | | | |
|----------------------------|--|--|--|
| | | | |

| Modified OBOComponent 1269 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:17010 | Name | Starts At |
| TS17 | Ends At | TS18 | Primary Parents |
| EMAPA:17009[common atrial chamber right part valve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16689, name=common atrial chamber, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16820, name=common atrial chamber right part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0], OBOComponent [id=EMAPA:17009, name=common atrial chamber right part valve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17010, name=common atrial chamber right part venous valve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17010 has name [venous valve] | | |

| Modified OBOComponent 1270 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:17012 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:17011[interatrial septum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 1270 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17011, name=interatrial septum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17012, name=foramen primum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17012 has synonyms [ostium primum] | | |

| Modified OBOComponent 1271 | | | |
|--|---|------|-----------------|
| ID | EMAPA:27213 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27199[stomach pyloric region mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], | | |

| Modified OBOComponent 1271 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17631, name=stomach pyloric region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:27199, name=stomach pyloric region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:27213, name=stomach pyloric region muscularis mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27213 has name [muscularis mucosa] | | |

| Modified OBOComponent 1272 | | | |
|--|---|------|-----------------|
| ID | EMAPA:27211 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:27199[stomach pyloric region mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17631, name=stomach pyloric region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:27199, name=stomach pyloric region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], | | |

| Modified OBOComponent 1272 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:27211, name=stomach pyloric region gastric gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27211 has name [gastric gland] | | |

| Modified OBOComponent 1273 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17822 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17821[lateral semicircular canal] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17286, name=inner ear vestibular component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17293, name=utricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17821, name=lateral semicircular canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17822, name=lateral semicircular canal associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo,</p> | | |

| Modified OBOComponent 1273 | | | |
|----------------------------|---|--|---------|
| | | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00290, name=semicircular canal, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17821, name=lateral semicircular canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17822, name=lateral semicircular canal associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17822 has name [associated mesenchyme] | | |

| Modified OBOComponent 1274 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17823 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17821[lateral semicircular canal] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17286, name=inner ear vestibular component, statusChange=CHANGED, | | |

| Modified OBOComponent 1274 | | | |
|----------------------------|---|--|---------|
| | | <pre> statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17293, name=utricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17821, name=lateral semicircular canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17823, name=lateral semicircular canal epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] </pre> | |
| | | <pre> 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00290, name=semicircular canal, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17821, name=lateral semicircular canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17823, name=lateral semicircular canal epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] </pre> | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17823 has name [epithelium] | | |

| Modified OBOComponent 1275 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17820 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17818[crus commune] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <pre> 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, </pre> | | |

| Modified OBOComponent 1275 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17286, name=inner ear vestibular component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17293, name=utricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17818, name=crus commune, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17820, name=crus commune epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17820 has name [epithelium] | | |

| Modified OBOComponent 1276 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17821 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17293[utricle] TH:00290[semicircular canal] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1276 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17286, name=inner ear vestibular component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17293, name=utricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17821, name=lateral semicircular canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00290, name=semicircular canal, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17821, name=lateral semicircular canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17821 has parents [EMAPA:17293, TH:00290] | | |

| Modified OBOComponent 1277 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:17830 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17829[eyelid] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [| | |

| Modified OBOComponent 1277 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17829, name=eyelid, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17830, name=inner canthus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17830 has synonyms [nasal canthus] | | |

| Modified OBOComponent 1278 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17003 | Name | Starts At |
| TS17 | Ends At | TS17 | Primary Parents |
| EMAPA:16198[eye] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17003, name=eye surface ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS17, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 1278 | |
|----------------------------|--|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17003 has name [surface ectoderm of the eye] |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17003 has synonyms [optic eminence] |

| Modified OBOComponent 1279 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:17001 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:17000[middle ear] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17000, name=middle ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17001, name=middle ear associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17001 has name [associated mesenchyme] | | |

| Modified OBOComponent 1280 | | | |
|-------------------------------------|---|------|-----------------|
| ID | EMAPA:27201 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17631[stomach pyloric region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

| Modified OBOComponent 1280 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17631, name=stomach pyloric region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:27201, name=stomach pyloric region submucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27201 has name [submucosa] | | |

| Modified OBOComponent 1281 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17832 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17831[lower eyelid] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17829, name=eyelid, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1281 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17831, name=lower eyelid, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17832, name=lower eyelid epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17832 has name [epithelium] | | |

| Modified OBOComponent 1282 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:17831 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17829[eyelid] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17829, name=eyelid, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17831, name=lower eyelid, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17831 has name [lower] | | |

| Modified OBOComponent 1283 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17834 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17829[eyelid] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 1283 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17829, name=eyelid, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17834, name=upper eyelid, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17834 has name [upper] | | |

| Modified OBOComponent 1284 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17833 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17831[lower eyelid] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17829, name=eyelid, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17831, name=lower eyelid, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17833, name=lower eyelid | | |

| Modified OBOComponent 1284 | | | |
|----------------------------|---|-------------|---------|
| | mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17833 has name [mesenchyme] | | |

| Modified OBOComponent 1285 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17836 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17834[upper eyelid] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17829, name=eyelid, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17834, name=upper eyelid, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17836, name=upper eyelid mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17836 has name [mesenchyme] | | |

| Modified OBOComponent 1286 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17835 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17834[upper eyelid] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1286 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17829, name=eyelid, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17834, name=upper eyelid, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17835, name=upper eyelid epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17835 has name [epithelium] | | |

| Modified OBOComponent 1287 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17839 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00233[lens epithelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17838, name=lens, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00233, name=lens epithelium, | | |

| Modified OBOComponent 1287 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17839, name=lens anterior epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17839 has name [anterior epithelium] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17839 has parents [EMAPA:17838] | | |
| | 3. Different Parents - Referenced OBOComponent EMAPA:17839 has parents [TH:00233] | | |

| Modified OBOComponent 1288 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:18830 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18827[thyroid gland] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18815, name=gut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:18827, name=thyroid gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18830, name=thyroid gland lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18830 has name [lobe] | | |

| Modified OBOComponent 1289 | | | |
|----------------------------|--|--|--|
| | | | |

| Modified OBOComponent 1289 | | | |
|---------------------------------|---|-------------|-----------------|
| ID | EMAPA:18831 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18830[thyroid gland lobe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18815, name=gut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:18827, name=thyroid gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18830, name=thyroid gland lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18831, name=thyroid gland left lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18831 has name [left] | | |

| Modified OBOComponent 1290 | | | |
|--|---|------|-----------------|
| ID | EMAPA:27275 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18855[gastro-oesophageal junction] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

| Modified OBOComponent 1290 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18855, name=gastro- oesophageal junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27275, name=gastro- oesophageal junction serosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27275 has name [serosa] | | |

| Modified OBOComponent 1291 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18822 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18820[pancreas head] TH:00172[pancreas parenchyma] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18815, name=gut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:18816, name=pancreas, | | |

| Modified OBOComponent 1291 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18820, name=pancreas head, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18822, name=pancreas head parenchyma, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18815, name=gut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:18816, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=TH:00172, name=pancreas parenchyma, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18822, name=pancreas head parenchyma, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18822 has name [parenchyma] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:18822 has parents [EMAPA:18820, TH:00172] | | |

| Modified OBOComponent 1292 | | | |
|--|-------------|------|-----------------|
| ID | EMAPA:18821 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18820[pancreas head] TH:00170[pancreatic duct] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [| | |

Modified OBOComponent 1292

```
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18815, name=gut gland,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18816, name=pancreas,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18820, name=pancreas head,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18821, name=ventral
pancreatic duct, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18815, name=gut gland,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18816, name=pancreas,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ],
```

| Modified OBOComponent 1292 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=TH:00170, name=pancreatic duct, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18821, name=ventral pancreatic duct, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:18821 has parents [EMAPA:18820, TH:00170] | | |

| Modified OBOComponent 1293 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:18824 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18816[pancreas] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18815, name=gut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:18816, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18824, name=pancreas tail, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18824 has name [tail] | | |

| Modified OBOComponent 1294 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:18826 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| | | | |

| | | |
|--|---|---------------|
| Modified OBOComponent 1294 | | |
| EMAPA:18824[pancreas tail] TH:00172[pancreas parenchyma] | | Group Parents |
| | | Synonyms |
| [] | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18815, name=gut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18816, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18824, name=pancreas tail, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18826, name=pancreas tail parenchyma, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> | |

| Modified OBOComponent 1294 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:18815, name=gut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:18816, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=TH:00172, name=pancreas parenchyma, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18826, name=pancreas tail parenchyma, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18826 has name [parenchyma] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:18826 has parents [EMAPA:18824, TH:00172] | | |

| Modified OBOComponent 1295 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17072 | Name | Starts At |
| TS18 | Ends At | TS26 | Primary Parents |
| EMAPA:17071[metencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 1295 | |
|----------------------------|---|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17072 has name [lateral wall] |

| Modified OBOComponent 1296 | | | |
|---|---|------|-----------------|
| ID | EMAPA:18825 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18824[pancreas tail] TH:00168[dorsal pancreatic duct] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18815, name=gut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18816, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18824, name=pancreas tail, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18825, name=dorsal pancreatic duct of pancreas tail, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED,</p> | | |

Modified OBOComponent 1296

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18815, name=gut gland,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18816, name=pancreas,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ],
OBOComponent [ id=TH:00170, name=pancreatic duct,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ],
OBOComponent [ id=TH:00168, name=dorsal pancreatic
duct, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18825, name=dorsal
pancreatic duct of pancreas tail,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18815, name=gut gland,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18816, name=pancreas,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ],
OBOComponent [ id=TH:00168, name=dorsal pancreatic
duct, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18825, name=dorsal
pancreatic duct of pancreas tail,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18825 has name [dorsal pancreatic duct] | | |

| | |
|-----------------------------------|---|
| Modified OBOComponent 1296 | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:18825 has parents [EMAPA:18824, TH:00168] |

| | | | |
|---|--|-------------|-----------------|
| Modified OBOComponent 1297 | | | |
| ID | EMAPA:17073 | Name | Starts At |
| TS18 | Ends At | TS26 | Primary Parents |
| EMAPA:17072[metencephalon lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17073, name=metencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17073 has name [alar plate] | | |

| | | | |
|-----------------------------------|-------------|------|-----------------|
| Modified OBOComponent 1298 | | | |
| ID | EMAPA:18827 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18815[gut gland] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| | | | |

| Modified OBOComponent 1298 | | | |
|----------------------------|--|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18815, name=gut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:18827, name=thyroid gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18827 has name [thyroid] | | |

| Modified OBOComponent 1299 | | | |
|---------------------------------------|--|------|-----------------|
| ID | EMAPA:17075 | Name | Starts At |
| TS18 | Ends At | TS22 | Primary Parents |
| EMAPA:17073[metencephalon alar plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1299 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17073, name=metencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17075, name=metencephalon alar plate mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS22, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17075 has name [mantle layer] | | |

| Modified OBOComponent 1300 | | | |
|---------------------------------------|---|------|-----------------|
| ID | EMAPA:17076 | Name | Starts At |
| TS18 | Ends At | TS22 | Primary Parents |
| EMAPA:17073[metencephalon alar plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, | | |

| Modified OBOComponent 1300 | | | |
|----------------------------|--|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17073, name=metencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17076, name=metencephalon alar plate marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17076 has name [marginal layer] | | |

| Modified OBOComponent 1301 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:18829 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18827[thyroid gland] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18815, name=gut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:18827, name=thyroid gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18829, name=thyroid gland isthmus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18829 has name [isthmus] | | |

| Modified OBOComponent 1302 | | | |
|----------------------------|--|--|--|
| | | | |

| Modified OBOComponent 1302 | | | |
|---------------------------------------|--|-------------|-----------------|
| ID | EMAPA:17077 | Name | Starts At |
| TS18 | Ends At | TS22 | Primary Parents |
| EMAPA:17073[metencephalon alar plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17073, name=metencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17077, name=metencephalon alar plate ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS22, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17077 has name [ventricular layer] | | |

| Modified OBOComponent 1303 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17078 | Name | Starts At |
| TS18 | Ends At | TS26 | Primary Parents |
| EMAPA:17072[metencephalon lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 1303 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17078, name=metencephalon basal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17078 has name [basal plate] | | |

| Modified OBOComponent 1304 | | | |
|--|---|------|-----------------|
| ID | EMAPA:27271 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18855[gastro-oesophageal junction] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1304 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18855, name=gastro- oesophageal junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27271, name=gastro- oesophageal junction muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27271 has name [muscularis] | | |

| Modified OBOComponent 1305 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17079 | Name | Starts At |
| TS18 | Ends At | TS19 | Primary Parents |
| EMAPA:17078[metencephalon basal plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17078, name=metencephalon basal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 1305 | | | |
|----------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17079, name=metencephalon basal plate mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17079 has name [mantle layer] | | |

| Modified OBOComponent 1306 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:17840 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00233[lens epithelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17838, name=lens, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00233, name=lens epithelium, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17840, name=lens equatorial epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17840 has name [equatorial epithelium] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17840 has parents [EMAPA:17838] | | |
| | 3. Different Parents - Referenced OBOComponent EMAPA:17840 has parents [TH:00233] | | |

| Modified OBOComponent 1307 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:17841 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17838[lens] | | | Group Parents |

| Modified OBOComponent 1307 | | | |
|----------------------------|--|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17838, name=lens, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17841, name=lens fibre, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17841 has synonyms [lens fiber] | | |

| Modified OBOComponent 1308 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17844 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:16198[eye] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17844, name=eye skeletal muscle, statusChange=CHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1308 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17844 has name [skeletal muscle] | | |

| Modified OBOComponent 1309 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:17843 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17841[lens fibre] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17838, name=lens, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17841, name=lens fibre, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17843, name=posterior lens fibre, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17843 has name [posterior] | | |

| Modified OBOComponent 1310 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17842 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17841[lens fibre] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 1310 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17838, name=lens, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17841, name=lens fibre, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17842, name=anterior lens fibre, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17842 has name [anterior] | | |

| Modified OBOComponent 1311 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17849 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17847[naris] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17847, name=naris, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17849, name=posterior naris, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| | | | |

| Modified OBOComponent 1311 | | | |
|----------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17849 has name [posterior] | | |

| Modified OBOComponent 1312 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:17848 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17847[naris] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17847, name=naris, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17848, name=external naris, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17848 has name [external] | | |

| Modified OBOComponent 1313 | | | |
|------------------------------|--|------|-----------------|
| ID | EMAPA:27259 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27235[duodenum mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 1313 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:27235, name=duodenum mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27259, name=duodenum muscularis mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27259 has name [muscularis mucosa] | | |

| Modified OBOComponent 1314 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18841 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18840[hyoid bone] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18838, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18839, name=pharynx skeleton, statusChange=CHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1314 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18840, name=hyoid bone, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18841, name=hyoid bone greater horn, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18841 has name [greater horn] | | |

| Modified OBOComponent 1315 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:18842 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18840[hyoid bone] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18838, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18839, name=pharynx skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18840, name=hyoid bone, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18842, name=hyoid bone lesser horn, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18842 has name [lesser horn] | | |

| Modified OBOComponent 1316 | | | |
|--------------------------------|--|-------------|-----------------|
| ID | EMAPA:18835 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27531[anal canal mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:27531, name=anal canal mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18835, name=anal canal epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18835 has name [epithelium] | | |

| Modified OBOComponent 1317 | | | |
|--|---|------|-----------------|
| ID | EMAPA:27263 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18855[gastro-oesophageal junction] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1317 | | | |
|----------------------------|---|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18855, name=gastro- oesophageal junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27263, name=gastro- oesophageal junction mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27263 has name [mucosa] | | |

| Modified OBOComponent 1318 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:18832 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18830[thyroid gland lobe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18815, name=gut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:18827, name=thyroid gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], | | |

| Modified OBOComponent 1318 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:18830, name=thyroid gland lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18832, name=thyroid gland right lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18832 has name [right] | | |

| Modified OBOComponent 1319 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:18839 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18838[pharynx] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18838, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18839, name=pharynx skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18839 has name [skeleton] | | |

| Modified OBOComponent 1320 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:18837 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18256[anal canal] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| | | | |

| Modified OBOComponent 1320 | | | |
|----------------------------|---|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18837, name=anal canal vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18837 has name [vascular element] | | |

| Modified OBOComponent 1321 | | | |
|--|--|------|-----------------|
| ID | EMAPA:27267 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18855[gastro-oesophageal junction] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, | | |

| Modified OBOComponent 1321 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18855, name=gastro- oesophageal junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27267, name=gastro- oesophageal junction submucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27267 has name [submucosa] | | |

| Modified OBOComponent 1322 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:17061 | Name | Starts At |
| TS17 | Ends At | TS20 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17061, name=somite 39, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, | | |

Modified OBOComponent 1322

```
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17061, name=somite 39,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS20, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=meseenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17061, name=somite 39,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS20, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=meseenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17061, name=somite 39,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS20, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
```

Modified OBOComponent 1322

```
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17061, name=somite 39,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS20, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17061, name=somite 39,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS20, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
```

| Modified OBOComponent 1322 | | | |
|----------------------------|--|--|---------|
| | | OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17061, name=somite 39, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0]] | |
| | | 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17061, name=somite 39, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17061 has parents [EMAPA:16860, EMAPA:31169] | | |

| Modified OBOComponent 1323 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:18836 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18256[anal canal] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1323 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18836, name=anal canal lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18836 has name [lumen] | | |

| Modified OBOComponent 1324 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17066 | Name | Starts At |
| TS18 | Ends At | TS19 | Primary Parents |
| EMAPA:17065[foregut-midgut junction gland] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:17065, name=foregut-midgut junction gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17066, name=pancreas primordium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 1324 | | | |
|----------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17066 has synonyms [pancreas gland] | | |

| Modified OBOComponent 1325 | | | |
|----------------------------------|---|-------------|-----------------|
| ID | EMAPA:17067 | Name | Starts At |
| TS18 | Ends At | TS19 | Primary Parents |
| EMAPA:17066[pancreas primordium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:17065, name=foregut-midgut junction gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17066, name=pancreas primordium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17067, name=pancreas primordium dorsal bud, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17067 has name [dorsal bud] | | |

| Modified OBOComponent 1326 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:17065 | Name | Starts At |
| TS18 | Ends At | TS23 | Primary Parents |

| | | | |
|--------------------------------------|--|---------------|---------|
| Modified OBOComponent 1326 | | | |
| EMAPA:16363[foregut-midgut junction] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:17065, name=foregut-midgut junction gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17065 has name [gland] | | |

| Modified OBOComponent 1327 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17068 | Name | Starts At |
| TS18 | Ends At | TS23 | Primary Parents |
| EMAPA:16557[foregut gland] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1327 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16557, name=foregut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17068, name=thyroid gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17068 has name [thyroid] | | |

| Modified OBOComponent 1328 | | | |
|------------------------------|--|-------------|-----------------|
| ID | EMAPA:17850 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17849[posterior naris] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17847, name=naris, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17849, name=posterior naris, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17850, name=posterior naris epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17850 has name [epithelium] | | |

| Modified OBOComponent 1329 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:27247 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18852[duodenum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:27247, name=duodenum serosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27247 has name [serosa] | | |

| Modified OBOComponent 1330 | | | |
|------------------------------|--|------|-----------------|
| ID | EMAPA:27255 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27235[duodenum mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], | | |

| Modified OBOComponent 1330 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:27235, name=duodenum mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27255, name=duodenum lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27255 has name [lamina propria] | | |

| Modified OBOComponent 1331 | | | |
|------------------------------|---|------|-----------------|
| ID | EMAPA:18802 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:16988[brachial plexus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16666, name=spinal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16987, name=spinal nerve plexus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16988, name=brachial plexus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18802, name=axillary nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, | | |

| Modified OBOComponent 1331 | | | |
|----------------------------|---|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18802 has synonyms [circumflex nerve] | | |

| Modified OBOComponent 1332 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:17057 | Name | Starts At |
| TS17 | Ends At | TS20 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17057, name=somite 38, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17057, name=somite 38, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false,</p> | | |

Modified OBOComponent 1332

```
start=TS17, end=TS20, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17057, name=somite 38,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS20, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17057, name=somite 38,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS20, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
```

Modified OBOComponent 1332

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statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17057, name=somite 38,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS20, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17057, name=somite 38,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS20, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17057, name=somite 38,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
```

| Modified OBOComponent 1332 | | | |
|----------------------------|--|--|---------|
| | | newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0]] | |
| | | 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17057, name=somite 38, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17057 has parents [EMAPA:16860, EMAPA:31169] | | |

| Modified OBOComponent 1333 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17860 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17309[iliac artery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], | | |

| Modified OBOComponent 1333 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:17309, name=iliac artery, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17860, name=internal iliac artery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17860 has name [internal] | | |

| Modified OBOComponent 1334 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:17863 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17013[septum primum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17011, name=interatrial septum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17013, name=septum primum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17863, name=foramen secundum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17863 has synonyms [ostium secundum] | | |

| Modified OBOComponent 1335 | | | |
|--------------------------------|-------------|------|-----------------|
| ID | EMAPA:17053 | Name | Starts At |
| TS17 | Ends At | TS20 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |

| Modified OBOComponent 1335 | |
|----------------------------|---|
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17053, name=somite 37, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17053, name=somite 37, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0]]</p> <p>3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> |

Modified OBOComponent 1335

```
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17053, name=somite 37,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS20, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17053, name=somite 37,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS20, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17053, name=somite 37,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS20, present=0 ]]
```

```
6. [
```


Modified OBOComponent 1335

```
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17053, name=somite 37,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS20, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17053, name=somite 37,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS20, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
```

| Modified OBOComponent 1335 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17053, name=somite 37, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17053 has parents [EMAPA:16860, EMAPA:31169] | | |

| Modified OBOComponent 1336 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:18807 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:16198[eye] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18807, name=eye smooth muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18807 has name [smooth muscle] | | |

| Modified OBOComponent 1337 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:28407 | Name | Starts At |
| TS22 | Ends At | TS28 | Primary Parents |
| EMAPA:17373[metanephros] | | | Group Parents |

| Modified OBOComponent 1337 | | | |
|----------------------------|---|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28407, name=collecting duct, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Primary Status - Referenced OBOComponent was a Primary component. | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:28407 has synonyms [ureteric tree] | | |

| Modified OBOComponent 1338 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17869 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:16105[heart] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1338 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17869, name=heart valve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17869 has name [valve] | | |

| Modified OBOComponent 1339 | | | |
|--|--|------|-----------------|
| ID | EMAPA:28405 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:17373[metanephros] EMAPA:28477[primitive collecting duct group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28477, name=primitive collecting duct group, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS21, end=TS21, present=0],</p> <p>OBOComponent [id=EMAPA:28405, name=ureteric trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED,</p> | | |

| Modified OBOComponent 1339 | | | |
|----------------------------|---|---|---------|
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28477, name=primitive collecting duct group, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS21, end=TS21, present=0], OBOComponent [id=EMAPA:28405, name=ureteric trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | |
| | | 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28405, name=ureteric trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:28405 has synonyms [ureteric stalk] | | |

| Modified OBOComponent 1340 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17039 | Name | Starts At |
| TS17 | Ends At | TS23 | Primary Parents |
| EMAPA:17036[midgut loop] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, | | |

| Modified OBOComponent 1340 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17036, name=midgut loop, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17039, name=midgut loop mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17039 has name [mesentery] | | |

| Modified OBOComponent 1341 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:18820 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18816[pancreas] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18815, name=gut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:18816, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], | | |

| Modified OBOComponent 1341 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:18820, name=pancreas head, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18820 has name [head] | | |

| Modified OBOComponent 1342 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:27239 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18852[duodenum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:27239, name=duodenum submucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27239 has name [submucosa] | | |

| Modified OBOComponent 1343 | | | |
|------------------------------------|---|------|-----------------|
| ID | EMAPA:17040 | Name | Starts At |
| TS17 | Ends At | TS23 | Primary Parents |
| EMAPA:17039[midgut loop mesentery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

| Modified OBOComponent 1343 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17036, name=midgut loop, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17039, name=midgut loop mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17040, name=midgut loop dorsal mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17040 has name [dorsal mesentery] | | |

| Modified OBOComponent 1344 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18817 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18816[pancreas] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1344 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18815, name=gut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:18816, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18817, name=pancreas body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18817 has name [body] | | |

| Modified OBOComponent 1345 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:27243 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18852[duodenum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:27243, name=duodenum muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27243 has name [muscularis] | | |

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| Modified OBOComponent 1346 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17041 | Name | Starts At |
| TS17 | Ends At | TS23 | Primary Parents |
| EMAPA:17036[midgut loop] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17036, name=midgut loop, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17041, name=midgut loop vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17041 has name [vascular element] | | |

| Modified OBOComponent 1347 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18815 | Name | Starts At |
| TS14 | Ends At | TS26 | Primary Parents |
| EMAPA:16247[gut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 1347 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18815, name=gut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18815 has name [gland] | | |
| | 2. Different Start Stage - Referenced OBOComponent EMAPA:18815 has Start Stage TS24 | | |

| Modified OBOComponent 1348 | | | |
|----------------------------------|--|------|-----------------|
| ID | EMAPA:18814 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18812[submandibular gland] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16723, name=oral region gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17751, name=salivary gland, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18812, name=submandibular gland, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], | | |

| Modified OBOComponent 1348 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:18814, name=submandibular gland mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18814 has name [mesenchyme] | | |

| Modified OBOComponent 1349 | | | |
|----------------------------------|---|-------------|-----------------|
| ID | EMAPA:18813 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18812[submandibular gland] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16723, name=oral region gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17751, name=salivary gland, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18812, name=submandibular gland, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18813, name=submandibular gland epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18813 has name [epithelium] | | |

| Modified OBOComponent 1350 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:18811 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| | | | |

| | | | |
|-------------------------------|--|---------------|---------|
| Modified OBOComponent 1350 | | | |
| EMAPA:18809[sublingual gland] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16723, name=oral region gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17751, name=salivary gland, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18809, name=sublingual gland, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18811, name=sublingual gland mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18811 has name [mesenchyme] | | |

| | | | |
|-------------------------------|--|------|-----------------|
| Modified OBOComponent 1351 | | | |
| ID | EMAPA:18810 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18809[sublingual gland] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 1351 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16723, name=oral region gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17751, name=salivary gland, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18809, name=sublingual gland, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18810, name=sublingual gland epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18810 has name [epithelium] | | |

| Modified OBOComponent 1352 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:17049 | Name | Starts At |
| TS17 | Ends At | TS20 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17049, name=somite 36, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0]] | | |

Modified OBOComponent 1352

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2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17049, name=somite 36,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS20, present=0 ]]

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3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17049, name=somite 36,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS20, present=0 ]]

```

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4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,

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Modified OBOComponent 1352

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start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17049, name=somite 36,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS20, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17049, name=somite 36,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS20, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17049, name=somite 36,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS20, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
```

| Modified OBOComponent 1352 | | | |
|----------------------------|--|--|---------|
| | | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17049, name=somite 36, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0]] | |
| | | 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17049, name=somite 36, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS20, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17049 has parents [EMAPA:16860, EMAPA:31169] | | |

| Modified OBOComponent 1353 | | | |
|---------------------------------------|-------------|------|-----------------|
| ID | EMAPA:17046 | Name | Starts At |
| TS17 | Ends At | TS23 | Primary Parents |
| EMAPA:17045[rest of midgut mesentery] | | | Group Parents |
| | | | |

| Modified OBOComponent 1353 | | | |
|----------------------------|---|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17042, name=rest of midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17045, name=rest of midgut mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17046, name=rest of midgut dorsal mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17046 has name [dorsal mesentery] | | |

| Modified OBOComponent 1354 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17871 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17869[heart valve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, | | |

| Modified OBOComponent 1354 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17869, name=heart valve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17871, name=mitral valve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17871 has synonyms [bicuspid valve] | | |

| Modified OBOComponent 1355 | | | |
|-----------------------------|---|-------------|-----------------|
| ID | EMAPA:17047 | Name | Starts At |
| TS17 | Ends At | TS23 | Primary Parents |
| EMAPA:17042[rest of midgut] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17042, name=rest of midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17047, name=rest of midgut vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 1355 | |
|----------------------------|---|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17047 has name [vascular element] |

| Modified OBOComponent 1356 | | | |
|-----------------------------|---|-------------|-----------------|
| ID | EMAPA:17044 | Name | Starts At |
| TS17 | Ends At | TS22 | Primary Parents |
| EMAPA:17042[rest of midgut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17042, name=rest of midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17044, name=rest of midgut epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17044 has name [epithelium] | | |

| Modified OBOComponent 1357 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:17045 | Name | Starts At |
| TS17 | Ends At | TS23 | Primary Parents |
| EMAPA:17042[rest of midgut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

| Modified OBOComponent 1357 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17042, name=rest of midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17045, name=rest of midgut mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17045 has name [mesentery] | | |

| Modified OBOComponent 1358 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18819 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| TH:00172[pancreas parenchyma] EMAPA:18817[pancreas body] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 1358

| | | | |
|-------------|--|-------------|---------|
| | group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18815, name=gut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:18816, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18817, name=pancreas body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18819, name=pancreas body parenchyma, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18815, name=gut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:18816, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=TH:00172, name=pancreas parenchyma, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18819, name=pancreas body parenchyma, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18819 has name [parenchyma] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:18819 has parents [TH:00172, EMAPA:18817] | | |

Modified OBOComponent 1359

| | | | |
|-----------------------------|-------------|------|-----------------|
| ID | EMAPA:17043 | Name | Starts At |
| TS17 | Ends At | TS22 | Primary Parents |
| EMAPA:17042[rest of midgut] | | | Group Parents |

| Modified OBOComponent 1359 | | | |
|----------------------------|---|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17042, name=rest of midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17043, name=rest of midgut associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17043 has name [associated mesenchyme] | | |

| Modified OBOComponent 1360 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18818 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| TH:00168[dorsal pancreatic duct] EMAPA:18817[pancreas body] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], | | |

Modified OBOComponent 1360

```
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18815, name=gut gland,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18816, name=pancreas,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18817, name=pancreas body,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18818, name=dorsal
pancreatic duct of pancreas body,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18815, name=gut gland,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18816, name=pancreas,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ],
OBOComponent [ id=TH:00170, name=pancreatic duct,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ],
OBOComponent [ id=TH:00168, name=dorsal pancreatic
duct, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18818, name=dorsal
pancreatic duct of pancreas body,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
```


| Modified OBOComponent 1360 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18815, name=gut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:18816, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=TH:00168, name=dorsal pancreatic duct, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18818, name=dorsal pancreatic duct of pancreas body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18818 has name [dorsal pancreatic duct] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:18818 has parents [TH:00168, EMAPA:18817] | | |

| Modified OBOComponent 1361 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17894 | Name | Starts At |
| TS21 | Ends At | TS22 | Primary Parents |
| EMAPA:17892[perineal body] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17894 has name [epithelium] | | |

| Modified OBOComponent 1362 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:17893 | Name | Starts At |
| TS21 | Ends At | TS22 | Primary Parents |
| EMAPA:17892[perineal body] | | | Group Parents |
| | | | Synonyms |

| | | | |
|-----------------------------------|--|-------------|--------------|
| Modified OBOComponent 1362 | | | |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17893 has name [associated mesenchyme] | | |

| | | | |
|-----------------------------------|---|-------------|-----------------|
| Modified OBOComponent 1363 | | | |
| ID | EMAPA:17895 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17892[perineal body] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17895 has name [vascular element] | | |

| | | | |
|-----------------------------------|--|-------------|-----------------|
| Modified OBOComponent 1364 | | | |
| ID | EMAPA:25042 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17577[spinal cord] | | | Group Parents |
| | | | Synonyms |
| [central canal, spinal canal] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17577, name=spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25042, name=spinal cord lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25042 has name [lumen] | | |

| | | | |
|-----------------------------------|--|--|--|
| Modified OBOComponent 1365 | | | |
|-----------------------------------|--|--|--|

| Modified OBOComponent 1365 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:25043 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17525[skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17525, name=skin, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25043, name=proctodaeum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:25043 has synonyms [anal pit] | | |

| Modified OBOComponent 1366 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18878 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18870[tongue] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, | | |

| Modified OBOComponent 1366 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18838, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18870, name=tongue, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18878, name=tongue mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18878 has name [mesenchyme] | | |

| Modified OBOComponent 1367 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:18879 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18870[tongue] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18838, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18870, name=tongue, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18879, name=tongue skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18879 has name [skeletal muscle] | | |

| Modified OBOComponent 1368 | | | |
|-----------------------------|--|-------------|-----------------|
| ID | EMAPA:25037 | Name | Starts At |
| TS15 | Ends At | TS19 | Primary Parents |
| EMAPA:16725[Rathke's pouch] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16723, name=oral region gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16724, name=pituitary, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0], OBOComponent [id=EMAPA:16725, name=Rathke's pouch, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0], OBOComponent [id=EMAPA:25037, name=Rathke's pouch lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25037 has name [lumen] | | |

| Modified OBOComponent 1369 | | | |
|-----------------------------|---|------|-----------------|
| ID | EMAPA:25036 | Name | Starts At |
| TS15 | Ends At | TS19 | Primary Parents |
| EMAPA:16725[Rathke's pouch] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

| Modified OBOComponent 1369 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16723, name=oral region gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16724, name=pituitary, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0], OBOComponent [id=EMAPA:16725, name=Rathke's pouch, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0], OBOComponent [id=EMAPA:25036, name=Rathke's pouch wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25036 has name [wall] | | |

| Modified OBOComponent 1370 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18886 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18885[tongue intrinsic skeletal muscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1370 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18838, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18870, name=tongue, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18879, name=tongue skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18885, name=tongue intrinsic skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18886, name=tongue intrinsic skeletal muscle transverse component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18886 has name [transverse component] | | |

| Modified OBOComponent 1371 | | | |
|-------------------------------|---|-------------|-----------------|
| ID | EMAPA:25038 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:16096[surface ectoderm] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16096, name=surface ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS19, present=0], OBOComponent [id=EMAPA:25038, name=proctodaeum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:25038 has synonyms [anal pit] | | |

| Modified OBOComponent 1372 | | | |
|-------------------------------------|-------------|------|-----------------|
| ID | EMAPA:18885 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18879[tongue skeletal muscle] | | | Group Parents |
| | | | Synonyms |
| | | | |

| Modified OBOComponent 1372 | | | |
|----------------------------|--|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | <pre>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18838, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18870, name=tongue, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18879, name=tongue skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18885, name=tongue intrinsic skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]]</pre> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18885 has name [intrinsic] | | |

| Modified OBOComponent 1373 | | | |
|-------------------------------------|--|------|-----------------|
| ID | EMAPA:18880 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18879[tongue skeletal muscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1373 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18838, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18870, name=tongue, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18879, name=tongue skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18880, name=tongue extrinsic skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18880 has name [extrinsic] | | |

| Modified OBOComponent 1374 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17886 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17021[stomach] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, | | |

| Modified OBOComponent 1374 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17886, name=stomach fundus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17886 has name [fundus] | | |

| Modified OBOComponent 1375 | | | |
|-----------------------------|--|-------------|-----------------|
| ID | EMAPA:17887 | Name | Starts At |
| TS21 | Ends At | TS22 | Primary Parents |
| EMAPA:17886[stomach fundus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17886, name=stomach fundus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0], OBOComponent [id=EMAPA:17887, name=stomach fundus associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17887 has name [associated mesenchyme] | | |

| Modified OBOComponent 1376 | | | |
|----------------------------|-------------|------|-----------|
| ID | EMAPA:17888 | Name | Starts At |
| | | | |

| Modified OBOComponent 1376 | | | |
|-----------------------------|---|-------------|-----------------|
| TS21 | Ends At | TS22 | Primary Parents |
| EMAPA:17886[stomach fundus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17886, name=stomach fundus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0], OBOComponent [id=EMAPA:17888, name=stomach fundus epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17888 has name [epithelium] | | |

| Modified OBOComponent 1377 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:17889 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17886[stomach fundus] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1377 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17886, name=stomach fundus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0], OBOComponent [id=EMAPA:17889, name=stomach fundus vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17889 has name [vascular element] | | |

| Modified OBOComponent 1378 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17885 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:16706[pharynx] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], | | |

| Modified OBOComponent 1378 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:17885, name=hyoid pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17885 has name [hyoid bone pre-cartilage condensation] | | |

| Modified OBOComponent 1379 | | | |
|-------------------------------------|--|------|-----------------|
| ID | EMAPA:17884 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:17883[tongue skeletal muscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:17185, name=tongue, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17883, name=tongue skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:17884, name=tongue extrinsic pre-muscle mass, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0] | | |

| Modified OBOComponent 1379 | | | |
|----------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17884 has name [extrinsic pre-muscle mass] | | |

| Modified OBOComponent 1380 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:17883 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17185[tongue] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:17185, name=tongue, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17883, name=tongue skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17883 has name [skeletal muscle] | | |
| | 2. Different Start Stage - Referenced OBOComponent EMAPA:17883 has Start Stage TS21 | | |

| Modified OBOComponent 1381 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:17882 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17185[tongue] | | | Group Parents |
| | | | Synonyms |
| | | | |

| Modified OBOComponent 1381 | | | |
|----------------------------|---|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:17185, name=tongue, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17882, name=tongue mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17882 has name [mesenchyme] | | |
| | 2. Different Start Stage - Referenced OBOComponent EMAPA:17882 has Start Stage TS21 | | |

| Modified OBOComponent 1382 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17881 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17185[tongue] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 1382 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:17185, name=tongue, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17881, name=tongue epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17881 has name [epithelium] | | |
| | 2. Different Start Stage - Referenced OBOComponent EMAPA:17881 has Start Stage TS21 | | |

| Modified OBOComponent 1383 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:25052 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:19106[humerus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17424, name=upper arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1383 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19106, name=humerus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:25052, name=humerus deltoid tuberosity, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25052 has name [deltoid tuberosity] | | |

| Modified OBOComponent 1384 | | | |
|-----------------------------|--|-------------|-----------------|
| ID | EMAPA:25053 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:19108[biceps brachii] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17424, name=upper arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19107, name=upper arm skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19108, name=biceps brachii, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:25053, name=tendon of biceps brachii, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25053 has name [tendon] | | |

| Modified OBOComponent 1385 | | | |
|----------------------------|-------------|------|-----------|
| ID | EMAPA:25050 | Name | Starts At |
| | | | |

| | | | |
|-----------------------------------|--|-------------|-----------------|
| Modified OBOComponent 1385 | | | |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:19106[humerus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17424, name=upper arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19106, name=humerus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:25050, name=humerus head, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25050 has name [head] | | |

| | | | |
|-----------------------------------|--|------|-----------------|
| Modified OBOComponent 1386 | | | |
| ID | EMAPA:18869 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18838[pharynx] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1386 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18838, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18869, name=pharynx lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18869 has name [lumen] | | |

| Modified OBOComponent 1387 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:25051 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:19106[humerus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17424, name=upper arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19106, name=humerus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:25051, name=humerus shaft, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25051 has name [shaft] | | |

| Modified OBOComponent 1388 | | | |
|----------------------------|--|--|--|
| | | | |

| Modified OBOComponent 1388 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:25057 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17429[forelimb digit 1] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <pre> 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25057, name=forelimb digit 1 metacarpo-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25057, name=forelimb digit 1 metacarpo-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] </pre> | | |

Modified OBOComponent 1388

```

3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25057, name=forelimb digit
1 metacarpo-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]

```

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4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25057, name=forelimb digit
1 metacarpo-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]

```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25057 has name [metacarpo-phalangeal joint] | | |

Modified OBOComponent 1389

| | | | |
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| | | | |
|--|--|--|--|

| Modified OBOComponent 1389 | | | |
|-----------------------------|--|-------------|-----------------|
| ID | EMAPA:18868 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:26965[pharynx mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18838, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:26965, name=pharynx mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18868, name=pharynx epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18868 has name [epithelium] | | |

| Modified OBOComponent 1390 | | | |
|---------------------------------------|--|------|-----------------|
| ID | EMAPA:25054 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:25053[tendon of biceps brachii] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 1390 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17424, name=upper arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19107, name=upper arm skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19108, name=biceps brachii, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:25053, name=tendon of biceps brachii, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:25054, name=long head of tendon of biceps brachii, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25054 has name [long head] | | |

| Modified OBOComponent 1391 | | | |
|---------------------------------------|--|------|-----------------|
| ID | EMAPA:25055 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:25053[tendon of biceps brachii] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17424, name=upper arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], | | |

| Modified OBOComponent 1391 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:19107, name=upper arm skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19108, name=biceps brachii, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:25053, name=tendon of biceps brachii, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:25055, name=short head of tendon of biceps brachii, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25055 has name [short head] | | |

| Modified OBOComponent 1392 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:18866 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18860[oesophagus] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18860, name=oesophagus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18866, name=oesophagus vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18866 has name [vascular element] | | |

| Modified OBOComponent 1393 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:25049 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:19106[humerus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17424, name=upper arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19106, name=humerus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:25049, name=humerus crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25049 has name [crest] | | |

| Modified OBOComponent 1394 | | | |
|-----------------------------|---|------|-----------------|
| ID | EMAPA:25048 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:18046[diaphragm dome] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 1394 | | | |
|----------------------------|--|-------------|---------|
| | start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17701, name=diaphragm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18046, name=diaphragm dome, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:25048, name=diaphragm right dome, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25048 has name [right] | | |

| Modified OBOComponent 1395 | | | |
|-----------------------------|--|-------------|-----------------|
| ID | EMAPA:25047 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:18046[diaphragm dome] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17701, name=diaphragm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18046, name=diaphragm dome, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:25047, name=diaphragm left dome, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25047 has name [left] | | |

| Modified OBOComponent 1396 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:18872 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| | | | |

| Modified OBOComponent 1396 | | | |
|----------------------------|--|---------------|---------|
| EMAPA:18870[tongue] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18838, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18870, name=tongue, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18872, name=tongue epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18872 has name [epithelium] | | |

| Modified OBOComponent 1397 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18857 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27263[gastro-oesophageal junction mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], | | |

| Modified OBOComponent 1397 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18855, name=gastro-oesophageal junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27263, name=gastro-oesophageal junction mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18857, name=gastro-oesophageal junction epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18857 has name [epithelium] | | |

| Modified OBOComponent 1398 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18858 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18855[gastro-oesophageal junction] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18855, name=gastro-oesophageal junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18858, name=gastro-oesophageal junction lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 1398 | | | |
|----------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18858 has name [lumen] | | |

| Modified OBOComponent 1399 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:18859 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18855[gastro-oesophageal junction] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18855, name=gastro-oesophageal junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18859, name=gastro-oesophageal junction vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18859 has name [vascular element] | | |

| Modified OBOComponent 1400 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:18862 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:26991[oesophagus mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

| Modified OBOComponent 1400 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18860, name=oesophagus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:26991, name=oesophagus mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18862, name=oesophagus epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18862 has name [epithelium] | | |

| Modified OBOComponent 1401 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:18864 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18860[oesophagus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1401 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18860, name=oesophagus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18864, name=oesophagus mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18864 has name [mesentery] | | |

| Modified OBOComponent 1402 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:18863 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18860[oesophagus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18860, name=oesophagus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18863, name=oesophagus lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18863 has name [lumen] | | |

| Modified OBOComponent 1403 | | | |
|--------------------------------------|-------------|------|-----------------|
| ID | EMAPA:25034 | Name | Starts At |
| TS16 | Ends At | TS20 | Primary Parents |
| EMAPA:25031[pleuro-peritoneal canal] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

| Modified OBOComponent 1403 | | | |
|----------------------------|--|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:25031, name=pleuro- peritoneal canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS20, present=0], OBOComponent [id=EMAPA:25034, name=pleuro- peritoneal canal cavity, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25034 has name [cavity] | | |

| Modified OBOComponent 1404 | | | |
|--------------------------------------|---|------|-----------------|
| ID | EMAPA:25032 | Name | Starts At |
| TS16 | Ends At | TS20 | Primary Parents |
| EMAPA:25031[pleuro-peritoneal canal] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:25031, name=pleuro- peritoneal canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS20, present=0], OBOComponent [id=EMAPA:25032, name=pleuro- peritoneal canal mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS20, present=0]] | | |

| Modified OBOComponent 1404 | | | |
|----------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25032 has name [mesothelium] | | |

| Modified OBOComponent 1405 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:18843 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18840[hyoid bone] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18838, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18839, name=pharynx skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18840, name=hyoid bone, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18843, name=hyoid bone body, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18843 has name [body] | | |

| Modified OBOComponent 1406 | | | |
|--|-------------|------|-----------------|
| ID | EMAPA:25033 | Name | Starts At |
| TS16 | Ends At | TS20 | Primary Parents |
| EMAPA:25032[pleuro-peritoneal canal mesothelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [| | |

| Modified OBOComponent 1406 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:25031, name=pleuro-peritoneal canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS20, present=0], OBOComponent [id=EMAPA:25032, name=pleuro-peritoneal canal mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS20, present=0], OBOComponent [id=EMAPA:25033, name=pleuro-peritoneal canal parietal mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS20, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25033 has name [parietal] | | |

| Modified OBOComponent 1407 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:25031 | Name | Starts At |
| TS16 | Ends At | TS20 | Primary Parents |
| EMAPA:16088[intraembryonic coelom] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:25031, name=pleuro-peritoneal canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS20, present=0] | | |
| | | | |

| Modified OBOComponent 1407 | | | |
|----------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:25031 has synonyms [pleuro-peritoneal channel] | | |

| Modified OBOComponent 1408 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:18853 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18852[duodenum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:18853, name=duodenal papilla, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18853 has synonyms [ampulla of Vater] | | |

| Modified OBOComponent 1409 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18852 | Name | Starts At |
| TS18 | Ends At | TS26 | Primary Parents |
| EMAPA:16247[gut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 1409 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Start Stage - Referenced OBOComponent EMAPA:18852 has Start Stage TS24 | | |

| Modified OBOComponent 1410 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17899 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17896[rectum] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17899 has name [vascular element] | | |

| Modified OBOComponent 1411 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:17897 | Name | Starts At |
| TS21 | Ends At | TS22 | Primary Parents |
| EMAPA:17896[rectum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17897 has name [associated mesenchyme] | | |

| Modified OBOComponent 1412 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:17898 | Name | Starts At |
| TS21 | Ends At | TS22 | Primary Parents |
| EMAPA:17896[rectum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| | | | |

| Modified OBOComponent 1412 | | | |
|----------------------------|---|-------------|---------|
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17898 has name [epithelium] | | |

| Modified OBOComponent 1413 | | | |
|--------------------------------------|--|-------------|-----------------|
| ID | EMAPA:25084 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:25083[cerebellum lateral part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17073, name=metencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17787, name=cerebellum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:25083, name=cerebellum lateral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:25084, name=cerebellum lateral part mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 1413 | |
|----------------------------|---|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25084 has name [mantle layer] |

| Modified OBOComponent 1414 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:25083 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17787[cerebellum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17073, name=metencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17787, name=cerebellum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:25083, name=cerebellum lateral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25083 has name [lateral part] | | |

| Modified OBOComponent 1415 | | | |
|----------------------------|-------------|------|-----------|
| ID | EMAPA:25086 | Name | Starts At |

| Modified OBOComponent 1415 | | | |
|--------------------------------------|---|-------------|-----------------|
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:25083[cerebellum lateral part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17073, name=metencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17787, name=cerebellum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:25083, name=cerebellum lateral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:25086, name=cerebellum lateral part ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25086 has name [ventricular layer] | | |

| Modified OBOComponent 1416 | | | |
|--------------------------------------|-------------|------|-----------------|
| ID | EMAPA:25085 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:25083[cerebellum lateral part] | | | Group Parents |
| | | | |

| Modified OBOComponent 1416 | | | |
|----------------------------|---|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17073, name=metencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17787, name=cerebellum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:25083, name=cerebellum lateral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:25085, name=cerebellum lateral part marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25085 has name [marginal layer] | | |

| Modified OBOComponent 1417 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:25088 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:16678[optic stalk] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

| Modified OBOComponent 1417 | | | |
|----------------------------|---|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16678, name=optic stalk, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:25088, name=optic disc, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:25088 has synonyms [optic disk] | | |

| Modified OBOComponent 1418 | | | |
|--|--|------|-----------------|
| ID | EMAPA:25081 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:25079[diencephalon subarachnoid space] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00040, name=meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00041, name=arachnoid mater, statusChange=NEW, statusRule=PASSED, dbID=TBD, | | |

Modified OBOComponent 1418

```
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00045, name=brain arachnoid
mater, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17765, name=diencephalon
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25079, name=diencephalon
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25081, name=diencephalon
cisterna chiasmatica, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00045, name=brain arachnoid
mater, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17765, name=diencephalon
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25079, name=diencephalon
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25081, name=diencephalon
cisterna chiasmatica, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```


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```
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00048, name=brain subarachnoid
space, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25079, name=diencephalon
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25081, name=diencephalon
cisterna chiasmatica, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17764, name=diencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17765, name=diencephalon
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25079, name=diencephalon
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subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25081, name=diencephalon
cisterna chiasmatica, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]

5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00045, name=brain arachnoid
mater, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17765, name=diencephalon
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25079, name=diencephalon
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25081, name=diencephalon
cisterna chiasmatica, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]

6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,

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group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00048, name=brain subarachnoid
space, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25079, name=diencephalon
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25081, name=diencephalon
cisterna chiasmatica, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17764, name=diencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17765, name=diencephalon
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25079, name=diencephalon
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25081, name=diencephalon
cisterna chiasmatica, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
```

Modified OBOComponent 1418

| | | | |
|---|---|-------------|---------|
| statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17764, name=diencephalon meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17765, name=diencephalon arachnoid mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:25079, name=diencephalon subarachnoid space, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:25081, name=diencephalon cisterna chiasmatica, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25081 has name [cisterna chiasmatica] | | |

Modified OBOComponent 1419

| | | | |
|---------------------|---|------|-----------------|
| ID | EMAPA:25097 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:18870[tongue] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

| Modified OBOComponent 1419 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18838, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18870, name=tongue, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:25097, name=tongue gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25097 has name [gland] | | |

| Modified OBOComponent 1420 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:25096 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:25095[oropharynx gland] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18838, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], | | |

| Modified OBOComponent 1420 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:25094, name=oropharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:25095, name=oropharynx gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:25096, name=oropharynx gland duct, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25096 has name [duct] | | |

| Modified OBOComponent 1421 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:25095 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:25094[oropharynx] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18838, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:25094, name=oropharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:25095, name=oropharynx gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25095 has name [gland] | | |

| Modified OBOComponent 1422 | | | |
|----------------------------|--|--|--|
| | | | |

| Modified OBOComponent 1422 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:25099 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:17906[lower jaw] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17906, name=lower jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:25099, name=lower jaw alveolar canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25099 has name [alveolar canal] | | |

| Modified OBOComponent 1423 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:25098 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:25097[tongue gland] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 1423 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18838, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18870, name=tongue, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:25097, name=tongue gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:25098, name=tongue gland duct, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25098 has name [duct] | | |

| Modified OBOComponent 1424 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:25093 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19202[nasal bone] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18022, name=viscerocranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1424 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19202, name=nasal bone, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:25093, name=turbinate bone, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18022, name=viscerocranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19202, name=nasal bone, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:25093, name=turbinate bone, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:25093 has synonyms [concha] | | |

| Modified OBOComponent 1425 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:25091 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17608[nasal septum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], | | |

| Modified OBOComponent 1425 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17608, name=nasal septum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25091, name=nasal septum cartilage, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25091 has name [cartilage] | | |

| Modified OBOComponent 1426 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:25066 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17438[forelimb digit 4] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25066, name=forelimb digit 4 metacarpo-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

Modified OBOComponent 1426

```
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25066, name=forelimb digit
4 metacarpo-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25066, name=forelimb digit
4 metacarpo-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
```

| Modified OBOComponent 1426 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25066, name=forelimb digit 4 metacarpo-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25066 has name [metacarpo-phalangeal joint] | | |

| Modified OBOComponent 1427 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:18899 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27435[stomach glandular region mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18896, name=stomach glandular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27435, name=stomach glandular region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18899, name=stomach glandular region epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18899 has name [epithelium] | | |

| Modified OBOComponent 1428 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:25065 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:17435[forelimb digit 3] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:25065, name=forelimb digit 3 epiphyseal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:25065, name=forelimb digit 3 epiphyseal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]]</p> | | |

Modified OBOComponent 1428

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25065, name=forelimb digit
3 epiphyseal plate, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25065, name=forelimb digit
3 epiphyseal plate, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]
```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25065 has name [epiphyseal plate] | | |

Modified OBOComponent 1429

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

| Modified OBOComponent 1429 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:25068 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:17438[forelimb digit 4] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:25068, name=forelimb digit 4 epiphyseal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:25068, name=forelimb digit 4 epiphyseal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]]</p> | | |

Modified OBOComponent 1429

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25068, name=forelimb digit
4 epiphyseal plate, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25068, name=forelimb digit
4 epiphyseal plate, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]
```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25068 has name [epiphyseal plate] | | |

Modified OBOComponent 1430

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

| Modified OBOComponent 1430 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:25067 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17438[forelimb digit 4] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:25067, name=forelimb digit 4 inter-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:25067, name=forelimb digit 4 inter-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> | | |

| | | | |
|--|---|-------------|---------|
| Modified OBOComponent 1430 | | | |
| <pre> 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25067, name=forelimb digit 4 inter-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] </pre> | | | |
| <pre> 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25067, name=forelimb digit 4 inter-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] </pre> | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25067 has name [inter-phalangeal joint] | | |

Modified OBOComponent 1431

| Modified OBOComponent 1431 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:25062 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:17432[forelimb digit 2] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <pre> 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25062, name=forelimb digit 2 epiphyseal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25062, name=forelimb digit 2 epiphyseal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] </pre> | | |

Modified OBOComponent 1431

```

3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25062, name=forelimb digit
2 epiphyseal plate, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]

```

```

4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25062, name=forelimb digit
2 epiphyseal plate, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]

```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25062 has name [epiphyseal plate] | | |

Modified OBOComponent 1432

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

| Modified OBOComponent 1432 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:25061 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17432[forelimb digit 2] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <pre> 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25061, name=forelimb digit 2 inter-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25061, name=forelimb digit 2 inter-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] </pre> | | |

Modified OBOComponent 1432

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3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25061, name=forelimb digit
2 inter-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]

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4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25061, name=forelimb digit
2 inter-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ]]

```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25061 has name [inter-phalangeal joint] | | |

Modified OBOComponent 1433

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

| Modified OBOComponent 1433 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:25064 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17435[forelimb digit 3] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:25064, name=forelimb digit 3 inter-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:25064, name=forelimb digit 3 inter-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> | | |

| Modified OBOComponent 1433 | | | |
|----------------------------|---|--|---------|
| | | <pre> 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25064, name=forelimb digit 3 inter-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] </pre> | |
| | | <pre> 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25064, name=forelimb digit 3 inter-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] </pre> | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25064 has name [inter-phalangeal joint] | | |

| Modified OBOComponent 1434 | | | |
|----------------------------|--|--|--|
| | | | |

| Modified OBOComponent 1434 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:25063 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17435[forelimb digit 3] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <pre> 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25063, name=forelimb digit 3 metacarpo-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25063, name=forelimb digit 3 metacarpo-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] </pre> | | |

Modified OBOComponent 1434

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3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25063, name=forelimb digit
3 metacarpo-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]

```

```

4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25063, name=forelimb digit
3 metacarpo-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]

```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25063 has name [metacarpo-phalangeal joint] | | |

Modified OBOComponent 1435

| | | | |
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| | | | |
|--|--|--|--|

| Modified OBOComponent 1435 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:25060 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17432[forelimb digit 2] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <pre> 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25060, name=forelimb digit 2 metacarpo-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25060, name=forelimb digit 2 metacarpo-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] </pre> | | |

| Modified OBOComponent 1435 | | | |
|----------------------------|--|--|---------|
| | | <pre> 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25060, name=forelimb digit 2 metacarpo-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] </pre> | |
| | | <pre> 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25060, name=forelimb digit 2 metacarpo-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] </pre> | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25060 has name [metacarpo-phalangeal joint] | | |

| Modified OBOComponent 1436 | | | |
|----------------------------|--|--|--|
| | | | |

| Modified OBOComponent 1436 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:25058 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17429[forelimb digit 1] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:25058, name=forelimb digit 1 inter-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:25058, name=forelimb digit 1 inter-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> | | |

Modified OBOComponent 1436

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3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25058, name=forelimb digit
1 inter-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]

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4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25058, name=forelimb digit
1 inter-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]

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| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25058 has name [inter-phalangeal joint] | | |

Modified OBOComponent 1437

| | | | |
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|--|--|--|--|

| Modified OBOComponent 1437 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:25059 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:17429[forelimb digit 1] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <pre> 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25059, name=forelimb digit 1 epiphyseal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25059, name=forelimb digit 1 epiphyseal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] </pre> | | |

| Modified OBOComponent 1437 | | | |
|----------------------------|---|--|---------|
| | | <pre> 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25059, name=forelimb digit 1 epiphyseal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] </pre> | |
| | | <pre> 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25059, name=forelimb digit 1 epiphyseal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] </pre> | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25059 has name [epiphyseal plate] | | |

| Modified OBOComponent 1438 | | | |
|----------------------------|--|--|--|
| | | | |

| Modified OBOComponent 1438 | | | |
|---|--|------|-----------------|
| ID | EMAPA:25079 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:17765[diencephalon arachnoid mater] TH:00048[brain subarachnoid space] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00040, name=meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00041, name=arachnoid mater, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00045, name=brain arachnoid mater, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17765, name=diencephalon arachnoid mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:25079, name=diencephalon subarachnoid space, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0] </pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], </pre> | | |

Modified OBOComponent 1438

```
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00045, name=brain arachnoid
mater, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17765, name=diencephalon
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25079, name=diencephalon
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00048, name=brain subarachnoid
space, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25079, name=diencephalon
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
```

Modified OBOComponent 1438

```
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17764, name=diencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17765, name=diencephalon
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25079, name=diencephalon
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00045, name=brain arachnoid
mater, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17765, name=diencephalon
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25079, name=diencephalon
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 1438

```
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00048, name=brain subarachnoid
space, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25079, name=diencephalon
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17764, name=diencephalon
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17765, name=diencephalon
arachnoid mater, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25079, name=diencephalon
subarachnoid space, statusChange=CHANGED,
```


| Modified OBOComponent 1438 | | | |
|----------------------------|--|--|---------|
| | | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | |
| | | 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17764, name=diencephalon meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17765, name=diencephalon arachnoid mater, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:25079, name=diencephalon subarachnoid space, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25079 has name [subarachnoid space] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:25079 has parents [EMAPA:17765, TH:00048] | | |

| Modified OBOComponent 1439 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18888 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18838[pharynx] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

| Modified OBOComponent 1439 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18838, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18888, name=pharynx vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18888 has name [vascular element] | | |

| Modified OBOComponent 1440 | | | |
|---|---|------|-----------------|
| ID | EMAPA:18887 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18885[tongue intrinsic skeletal muscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18838, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1440 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18870, name=tongue, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18879, name=tongue skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18885, name=tongue intrinsic skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18887, name=tongue intrinsic skeletal muscle vertical component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18887 has name [vertical component] | | |

| Modified OBOComponent 1441 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:25071 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:17441[forelimb digit 5] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25071, name=forelimb digit 5 epiphyseal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

Modified OBOComponent 1441

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25071, name=forelimb digit
5 epiphyseal plate, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25071, name=forelimb digit
5 epiphyseal plate, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
```

| Modified OBOComponent 1441 | | | |
|----------------------------|---|--|---------|
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25071, name=forelimb digit 5 epiphyseal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25071 has name [epiphyseal plate] | | |

| Modified OBOComponent 1442 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:25070 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17441[forelimb digit 5] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25070, name=forelimb digit 5 inter-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

Modified OBOComponent 1442

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25070, name=forelimb digit
5 inter-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25070, name=forelimb digit
5 inter-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
```


| Modified OBOComponent 1442 | | | |
|--|---|-------------|---------|
| dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25070, name=forelimb digit 5 inter-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25070 has name [inter-phalangeal joint] | | |

| Modified OBOComponent 1443 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:18893 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27403[stomach fundus mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18890, name=stomach fundus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27403, name=stomach fundus mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18893, name=stomach fundus epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 1443 | | | |
|----------------------------|---|-------------|---------|
| | start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18893 has name [epithelium] | | |

| Modified OBOComponent 1444 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:18890 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18889[stomach] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18890, name=stomach fundus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18890 has name [fundus] | | |

| Modified OBOComponent 1445 | | | |
|-----------------------------|---|------|-----------------|
| ID | EMAPA:18891 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18890[stomach fundus] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1445 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18890, name=stomach fundus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18891, name=stomach fundus vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18891 has name [vascular element] | | |

| Modified OBOComponent 1446 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:18896 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18889[stomach] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, | | |

| Modified OBOComponent 1446 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18896, name=stomach glandular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18896 has name [glandular region] | | |

| Modified OBOComponent 1447 | | | |
|---------------------------------------|--|-------------|-----------------|
| ID | EMAPA:18897 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18896[stomach glandular region] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18896, name=stomach glandular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18897, name=stomach glandular region vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18897 has name [vascular element] | | |

| Modified OBOComponent 1448 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:25069 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| | | | |

| | | |
|-----------------------------------|---|---------------|
| Modified OBOComponent 1448 | | |
| EMAPA:17441[forelimb digit 5] | | Group Parents |
| | | Synonyms |
| [] | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25069, name=forelimb digit 5 metacarpo-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] </pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25069, name=forelimb digit 5 metacarpo-phalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] </pre> <p>3. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, </pre> | |

Modified OBOComponent 1448

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25069, name=forelimb digit
5 metacarpo-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25069, name=forelimb digit
5 metacarpo-phalangeal joint, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25069 has name [metacarpo-phalangeal joint] | | |

Modified OBOComponent 1449

| | | | |
|------|-------------|------|-----------------|
| ID | EMAPA:18894 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |

| Modified OBOComponent 1449 | | | |
|-----------------------------|---|---------------|---------|
| EMAPA:18890[stomach fundus] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18890, name=stomach fundus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18894, name=stomach fundus lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18894 has name [lumen] | | |

| Modified OBOComponent 1450 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:16797 | Name | Starts At |
| TS16 | Ends At | TS26 | Primary Parents |
| EMAPA:16659[cranial ganglion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, | | |

| Modified OBOComponent 1450 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16797, name=trigeminal V ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00269, name=ganglion, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16797, name=trigeminal V ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16797 has name [trigeminal V] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16797 has synonyms [semiluminar ganglion] | | |

| Modified OBOComponent 1451 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:16798 | Name | Starts At |
| TS16 | Ends At | TS26 | Primary Parents |
| EMAPA:16659[cranial ganglion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

Modified OBOComponent 1451

| | |
|-------------|--|
| | <p>statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16798, name=vagus X ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00269, name=ganglion, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16798, name=vagus X ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0]]</p> |
| Rule Status | <div>PASSED</div> <div>Edit Status</div> <div>CHANGED</div> |
| Comments | <p>1. Different Name - Referenced OBOComponent EMAPA:16798 has name [vagus X]</p> |

| Modified OBOComponent 1452 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16788 | Name | Starts At |
| TS16 | Ends At | TS16 | Primary Parents |
| EMAPA:16490[rhombomere 03 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16488, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16490, name=rhombomere 03 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16788, name=rhombomere 03 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS16, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> | | |

| Modified OBOComponent 1452 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16488, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16490, name=rhombomere 03 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16788, name=rhombomere 03 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16788 has name [ventricular layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16788 has synonyms [ependymal layer] | | |

| Modified OBOComponent 1453 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16789 | Name | Starts At |
| TS16 | Ends At | TS16 | Primary Parents |
| EMAPA:16494[rhombomere 04 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 1453 | | | |
|----------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16492, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16494, name=rhombomere 04 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16789, name=rhombomere 04 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS16, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16492, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16494, name=rhombomere 04 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16789, name=rhombomere 04 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16789 has name [ventricular layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16789 has synonyms [ependymal layer] | | |

| Modified OBOComponent 1454 | | | |
|----------------------------|--|--|--|
| | | | |

| Modified OBOComponent 1454 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16786 | Name | Starts At |
| TS16 | Ends At | TS16 | Primary Parents |
| EMAPA:16482[rhombomere 01 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16480, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16482, name=rhombomere 01 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16786, name=rhombomere 01 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS16, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> | | |

| Modified OBOComponent 1454 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16480, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16482, name=rhombomere 01 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16786, name=rhombomere 01 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS16, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16786 has name [ventricular layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16786 has synonyms [ependymal layer] | | |

| Modified OBOComponent 1455 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16787 | Name | Starts At |
| TS16 | Ends At | TS16 | Primary Parents |
| EMAPA:16486[rhombomere 02 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 1455 | | | |
|----------------------------|--|-------------|---------|
| | start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16484, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16486, name=rhombomere 02 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16787, name=rhombomere 02 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS16, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16484, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16486, name=rhombomere 02 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16787, name=rhombomere 02 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16787 has name [ventricular layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16787 has synonyms [ependymal layer] | | |

| Modified OBOComponent 1456 | | | |
|----------------------------|-------------|------|-----------|
| ID | EMAPA:16795 | Name | Starts At |
| | | | |

| Modified OBOComponent 1456 | | | |
|-------------------------------|---|------|-----------------|
| TS16 | Ends At | TS26 | Primary Parents |
| EMAPA:16659[cranial ganglion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16795, name=glossopharyngeal IX ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0]] </pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00269, name=ganglion, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16795, </pre> | | |

| Modified OBOComponent 1456 | | | |
|----------------------------|--|-------------|---------|
| | name=glossopharyngeal IX ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16795 has name [glossopharyngeal IX] | | |

| Modified OBOComponent 1457 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:16794 | Name | Starts At |
| TS16 | Ends At | TS16 | Primary Parents |
| EMAPA:16659[cranial ganglion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16794, name=facio-acoustic VII-VIII ganglion complex, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS16, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> | | |

| Modified OBOComponent 1457 | | | |
|---|---|-------------|---------|
| group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00269, name=ganglion, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16794, name=facio-acoustic VII-VIII ganglion complex, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS16, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16794 has name [facio-acoustic ganglion complex VII-VIII] | | |

| Modified OBOComponent 1458 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16793 | Name | Starts At |
| TS16 | Ends At | TS16 | Primary Parents |
| EMAPA:16510[rhombomere 08 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16508, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16510, name=rhombomere 08 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16793, name=rhombomere 08 | | |

| Modified OBOComponent 1458 | | | |
|----------------------------|---|-------------|---------|
| | ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS16, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16508, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16510, name=rhombomere 08 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16793, name=rhombomere 08 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16793 has name [ventricular layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16793 has synonyms [ependymal layer] | | |

| Modified OBOComponent 1459 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16792 | Name | Starts At |
| TS16 | Ends At | TS16 | Primary Parents |
| EMAPA:16506[rhombomere 07 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 1459

```
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16471, name=future brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16478, name=future
rhombencephalon, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16504, name=rhombomere 07,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16506, name=rhombomere 07
lateral wall, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16792, name=rhombomere 07
ventricular layer, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS16, end=TS16, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16471, name=future brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16478, name=future
rhombencephalon, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=TH:00183, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
```

| Modified OBOComponent 1459 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16504, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16506, name=rhombomere 07 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16792, name=rhombomere 07 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS16, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16792 has name [ventricular layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16792 has synonyms [ependymal layer] | | |

| Modified OBOComponent 1460 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16791 | Name | Starts At |
| TS16 | Ends At | TS16 | Primary Parents |
| EMAPA:16502[rhombomere 06 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16500, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16502, name=rhombomere 06 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16791, name=rhombomere 06 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 1460 | | | |
|----------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS16, end=TS16, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16500, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16502, name=rhombomere 06 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16791, name=rhombomere 06 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16791 has name [ventricular layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16791 has synonyms [ependymal layer] | | |

| Modified OBOComponent 1461 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16790 | Name | Starts At |
| TS16 | Ends At | TS16 | Primary Parents |
| EMAPA:16498[rhombomere 05 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

Modified OBOComponent 1461

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16471, name=future brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16478, name=future
rhombencephalon, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16496, name=rhombomere 05,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16498, name=rhombomere 05
lateral wall, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16790, name=rhombomere 05
ventricular layer, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS16, end=TS16, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16471, name=future brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16478, name=future
rhombencephalon, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=TH:00183, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16496, name=rhombomere 05,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
```

| Modified OBOComponent 1461 | | | |
|----------------------------|---|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16498, name=rhombomere 05 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16790, name=rhombomere 05 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16790 has name [ventricular layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16790 has synonyms [ependymal layer] | | |

| Modified OBOComponent 1462 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:16081 | Name | Starts At |
| TS10 | Ends At | TS18 | Primary Parents |
| EMAPA:16054[extraembryonic component cavities] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16081 has synonyms [extra-embryonic coelomic cavity] | | |

| Modified OBOComponent 1463 | | | |
|--|--|------|-----------------|
| ID | EMAPA:16892 | Name | Starts At |
| TS17 | Ends At | TS18 | Primary Parents |
| EMAPA:16780[hindlimb bud ectoderm] TH:00023[apical ectodermal ridge] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00083, name=limb ectoderm, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00023, name=apical ectodermal ridge, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS19, present=0], OBOComponent [id=EMAPA:16892, name=hindlimb bud apical ectodermal ridge, statusChange=CHANGED, | | |

| Modified OBOComponent 1463 | | | |
|----------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16779, name=hindlimb bud, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS19, present=0], OBOComponent [id=EMAPA:16780, name=hindlimb bud ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS19, present=0], OBOComponent [id=EMAPA:16892, name=hindlimb bud apical ectodermal ridge, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16892 has name [apical ectodermal ridge] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:16892 has parents [EMAPA:16780, TH:00023] | | |
| | 3. Different Synonyms - Referenced OBOComponent EMAPA:16892 has synonyms [AER] | | |

| Modified OBOComponent 1464 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16890 | Name | Starts At |
| TS17 | Ends At | TS22 | Primary Parents |
| EMAPA:16889[omental bursa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16137, name=peritoneal component, statusChange=UNCHANGED, | | |

| Modified OBOComponent 1464 | | | |
|----------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16889, name=omental bursa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0], OBOComponent [id=EMAPA:16890, name=omental bursa mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16890 has name [mesothelium] | | |

| Modified OBOComponent 1465 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:16891 | Name | Starts At |
| TS17 | Ends At | TS22 | Primary Parents |
| EMAPA:16890[omental bursa mesothelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16137, name=peritoneal component, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16889, name=omental bursa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0], OBOComponent [id=EMAPA:16890, name=omental bursa mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0], OBOComponent [id=EMAPA:16891, name=omental bursa parietal mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16891 has name [parietal] | | |

| Modified OBOComponent 1466 | | | |
|----------------------------|-------------|------|-----------|
| ID | EMAPA:16088 | Name | Starts At |
| | | | |

| Modified OBOComponent 1466 | | | |
|---|---|-------------|-----------------|
| TS11 | Ends At | TS26 | Primary Parents |
| EMAPA:16060[cavities and their linings] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16088 has synonyms [future pericardial component] | | |

| Modified OBOComponent 1467 | | | |
|-----------------------------------|--|-------------|-----------------|
| ID | EMAPA:16889 | Name | Starts At |
| TS17 | Ends At | TS22 | Primary Parents |
| EMAPA:16137[peritoneal component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16137, name=peritoneal component, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16889, name=omental bursa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| | | | |

| Modified OBOComponent 1467 | |
|----------------------------|--|
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16889 has synonyms [lesser sac] |

| Modified OBOComponent 1468 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:16886 | Name | Starts At |
| TS17 | Ends At | TS22 | Primary Parents |
| EMAPA:16885[greater sac] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16137, name=peritoneal component, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16885, name=greater sac, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0], OBOComponent [id=EMAPA:16886, name=greater sac cavity, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16886 has name [cavity] | | |

| Modified OBOComponent 1469 | | | |
|--------------------------------------|--|------|-----------------|
| ID | EMAPA:16888 | Name | Starts At |
| TS17 | Ends At | TS22 | Primary Parents |
| EMAPA:16887[greater sac mesothelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 1469 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16137, name=peritoneal component, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16885, name=greater sac, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0], OBOComponent [id=EMAPA:16887, name=greater sac mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0], OBOComponent [id=EMAPA:16888, name=greater sac parietal mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16888 has name [parietal] | | |

| Modified OBOComponent 1470 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16887 | Name | Starts At |
| TS17 | Ends At | TS22 | Primary Parents |
| EMAPA:16885[greater sac] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16137, name=peritoneal component, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16885, name=greater sac, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0], OBOComponent [id=EMAPA:16887, name=greater sac mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0]] | | |

| Modified OBOComponent 1470 | | | |
|----------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16887 has name [mesothelium] | | |

| Modified OBOComponent 1471 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:16070 | Name | Starts At |
| TS09 | Ends At | TS11 | Primary Parents |
| EMAPA:16062[endoderm] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16062, name=endoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS17, present=0], OBOComponent [id=EMAPA:16070, name=definitive endoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS11, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16070 has synonyms [embryonic endoderm] | | |

| Modified OBOComponent 1472 | | | |
|-------------------------------|--|-------------|-----------------|
| ID | EMAPA:16075 | Name | Starts At |
| TS10 | Ends At | TS13 | Primary Parents |
| EMAPA:16072[primitive streak] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16072, name=primitive streak, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS14, present=0], OBOComponent [id=EMAPA:16075, name=node, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced | | |

| Modified OBOComponent 1472 | |
|----------------------------|---|
| | OBOComponent EMAPA:16075 has End Stage TS11 |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16075 has synonyms [Hensen's node] |

| Modified OBOComponent 1473 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:16899 | Name | Starts At |
| TS17 | Ends At | TS19 | Primary Parents |
| EMAPA:16898[pituitary] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16897, name=diencephalon gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16898, name=pituitary, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16899, name=infundibular recess of 3rd ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16899 has synonyms [future neurohypophysis] | | |

| Modified OBOComponent 1474 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:16897 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| | | | |

| Modified OBOComponent 1474 | | | |
|----------------------------|--|---------------|---------|
| EMAPA:16896[diencephalon] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16897, name=diencephalon gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16897 has name [gland] | | |

| Modified OBOComponent 1475 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:16873 | Name | Starts At |
| TS16 | Ends At | TS19 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], | | |

Modified OBOComponent 1475

```
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16873, name=somite 34,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS19, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16873, name=somite 34,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS19, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16873, name=somite 34,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS19, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 1475

```
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16873, name=somite 34,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS19, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16873, name=somite 34,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS19, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
```

Modified OBOComponent 1475

```
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16873, name=somite 34,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS19, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16873, name=somite 34,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS19, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16873, name=somite 34,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS19, present=0 ]]
```

| | | | |
|-------------|--------|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
|-------------|--------|-------------|---------|

| Modified OBOComponent 1475 | |
|----------------------------|--|
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16873 has parents [EMAPA:16860, EMAPA:31169] |

| Modified OBOComponent 1476 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:16865 | Name | Starts At |
| TS16 | Ends At | TS19 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0],</p> <p>OBOComponent [id=EMAPA:16865, name=somite 32, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS19, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0],</p> <p>OBOComponent [id=EMAPA:16865, name=somite 32, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS19, present=0]]</p> <p>3. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED,</p> | | |

Modified OBOComponent 1476

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16865, name=somite 32,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS19, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16865, name=somite 32,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS19, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
```

Modified OBOComponent 1476

```
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16865, name=somite 32,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS19, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16865, name=somite 32,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS19, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16865, name=somite 32,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS19, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
```

| Modified OBOComponent 1476 | | | |
|--|--|-------------|---------|
| <pre> statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:16865, name=somite 32, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS19, present=0]] </pre> | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16865 has parents [EMAPA:16860, EMAPA:31169] | | |

| Modified OBOComponent 1477 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:16869 | Name | Starts At |
| TS16 | Ends At | TS19 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [<pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:16869, name=somite 33, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, </pre> | | |

Modified OBOComponent 1477

```
start=TS16, end=TS19, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16869, name=somite 33,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS19, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16869, name=somite 33,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS19, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
```

Modified OBOComponent 1477

```
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16869, name=somite 33,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS19, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16869, name=somite 33,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS19, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16869, name=somite 33,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS19, present=0 ]]
```

Modified OBOComponent 1477

```

7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16869, name=somite 33,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS19, present=0 ]]

```

```

8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16869, name=somite 33,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS19, present=0 ]]

```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16869 has parents [EMAPA:16860, EMAPA:31169] | | |

Modified OBOComponent 1478

| | | | |
|------|-------------|------|-----------------|
| ID | EMAPA:19575 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |

| | |
|---|--|
| Modified OBOComponent 1478 | |
| TH:00029[intervertebral disc] EMAPA:17676[axial skeleton sacral region] | Group Parents |
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00029, name=intervertebral disc, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:19575, name=sacral intervertebral disc, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17676, name=axial skeleton sacral region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:19575, name=sacral intervertebral disc, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD,]</p> |

| | | | |
|-----------------------------------|--|--|---------|
| Modified OBOComponent 1478 | | | |
| | | namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | |
| | | 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00029, name=intervertebral disc, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:19575, name=sacral intervertebral disc, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17676, name=axial skeleton sacral region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:19575, name=sacral intervertebral disc, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19575 has name [intervertebral disc] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:19575 has parents [TH:00029, EMAPA:17676] | | |

| | | | |
|-----------------------------------|-------------|------|-----------------|
| Modified OBOComponent 1479 | | | |
| ID | EMAPA:16090 | Name | Starts At |
| TS11 | Ends At | TS13 | Primary Parents |
| EMAPA:16089[future brain] | | | Group Parents |
| | | | |

| Modified OBOComponent 1479 | | | |
|----------------------------|---|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16090, name=future brain neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:16090 has End Stage TS11 | | |
| | 2. Different Name - Referenced OBOComponent EMAPA:16090 has name [neural fold] | | |
| | 3. Different Synonyms - Referenced OBOComponent EMAPA:16090 has synonyms [cephalic neural fold] | | |

| Modified OBOComponent 1480 | | | |
|---------------------------------------|---|------|-----------------|
| ID | EMAPA:16091 | Name | Starts At |
| TS11 | Ends At | TS13 | Primary Parents |
| EMAPA:16090[future brain neural fold] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, | | |

| Modified OBOComponent 1480 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16090, name=future brain neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16091, name=future brain neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:16091 has End Stage TS11 | | |
| | 2. Different Name - Referenced OBOComponent EMAPA:16091 has name [neural crest] | | |
| | 3. Different Synonyms - Referenced OBOComponent EMAPA:16091 has synonyms [cephalic neural crest] | | |

| Modified OBOComponent 1481 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:16094 | Name | Starts At |
| TS11 | Ends At | TS11 | Primary Parents |
| EMAPA:16093[future spinal cord neural fold] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16092, name=future spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16093, name=future spinal cord neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS11, present=0], OBOComponent [id=EMAPA:16094, name=future spinal cord neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS11, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16094 has name [neural crest] | | |

| Modified OBOComponent 1482 |
|----------------------------|
|----------------------------|

| Modified OBOComponent 1482 | | | |
|---------------------------------|---|-------------|-----------------|
| ID | EMAPA:16093 | Name | Starts At |
| TS11 | Ends At | TS11 | Primary Parents |
| EMAPA:16092[future spinal cord] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16092, name=future spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16093, name=future spinal cord neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS11, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16093 has name [neural fold] | | |

| Modified OBOComponent 1483 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16098 | Name | Starts At |
| TS11 | Ends At | TS26 | Primary Parents |
| EMAPA:16097[mesenchyme] EMAPA:31858[head] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16098, name=head mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0]] | | |
| | 2. [| | |

| Modified OBOComponent 1483 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31858, name=head, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16098, name=head mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16098 has parents [EMAPA:16097, EMAPA:31858] | | |

| Modified OBOComponent 1484 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:16096 | Name | Starts At |
| TS11 | Ends At | TS19 | Primary Parents |
| EMAPA:16069[ectoderm] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16096, name=surface ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS19, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16096 has synonyms [surface epithelium] | | |

| Modified OBOComponent 1485 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:16884 | Name | Starts At |
| TS17 | Ends At | TS19 | Primary Parents |
| EMAPA:16760[4th branchial arch] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

| Modified OBOComponent 1485 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16117, name=branchial arch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16760, name=4th branchial arch, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS19, present=0], OBOComponent [id=EMAPA:16884, name=cervical sinus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16884 has synonyms [retro-hyoid depression] | | |

| Modified OBOComponent 1486 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16881 | Name | Starts At |
| TS16 | Ends At | TS16 | Primary Parents |
| EMAPA:16756[neural plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16753, name=tail nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16754, name=tail central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16755, name=tail future spinal cord, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0], OBOComponent [id=EMAPA:16756, name=neural plate, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16881, name=tail neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS16, present=0]] | | |
| | | | |

| Modified OBOComponent 1486 | | | |
|----------------------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16881 has name [neural crest] | | |

| Modified OBOComponent 1487 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:16877 | Name | Starts At |
| TS16 | Ends At | TS20 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0],</p> <p>OBOComponent [id=EMAPA:16877, name=somite 35, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS20, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0],</p> <p>OBOComponent [id=EMAPA:16877, name=somite 35, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS20, present=0]]</p> <p>3. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy,</p> | | |

Modified OBOComponent 1487

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16877, name=somite 35,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS20, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16877, name=somite 35,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS20, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
```

Modified OBOComponent 1487

```
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16877, name=somite 35,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS20, present=0 ]]
```

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6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16877, name=somite 35,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS20, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16877, name=somite 35,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS20, present=0 ]]
```

```
8. [
```

| Modified OBOComponent 1487 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:16877, name=somite 35, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS20, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16877 has parents [EMAPA:16860, EMAPA:31169] | | |

| Modified OBOComponent 1488 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16851 | Name | Starts At |
| TS16 | Ends At | TS26 | Primary Parents |
| EMAPA:16849[main bronchus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16737, name=respiratory tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], | | |

| Modified OBOComponent 1488 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16738, name=lower respiratory tract, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16849, name=main bronchus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16851, name=main bronchus epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16851 has name [epithelium] | | |

| Modified OBOComponent 1489 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:16850 | Name | Starts At |
| TS16 | Ends At | TS26 | Primary Parents |
| EMAPA:16849[main bronchus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16737, name=respiratory tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16738, name=lower respiratory tract, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16849, name=main bronchus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16850, name=main bronchus associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16850 has name [associated mesenchyme] | | |

| Modified OBOComponent 1490 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:16845 | Name | Starts At |
| TS16 | Ends At | TS26 | Primary Parents |
| EMAPA:16843[hepatic duct] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16843, name=hepatic duct, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16845, name=hepatic duct intrahepatic part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16845 has name [intrahepatic part] | | |

| Modified OBOComponent 1491 | | | |
|---|---|------|-----------------|
| ID | EMAPA:19592 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| TH:00029[intervertebral disc] EMAPA:18043[axial skeleton tail region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal | | |

Modified OBOComponent 1491

```
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00029, name=intervertebral
disc, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19592, name=tail
intervertebral disc, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18043, name=axial skeleton
tail region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19592, name=tail
intervertebral disc, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18042, name=tail skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18043, name=axial skeleton
```

Modified OBOComponent 1491

```
tail region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19592, name=tail
intervertebral disc, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]

4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00029, name=intervertebral
disc, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19592, name=tail
intervertebral disc, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]

5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18043, name=axial skeleton
tail region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19592, name=tail
intervertebral disc, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

| | | | |
|-------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19592 has name [intervertebral disc] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:19592 has parents [TH:00029, EMAPA:18043] | | |

| Modified OBOComponent 1492 | | | |
|--------------------------------------|---|-------------|-----------------|
| ID | EMAPA:16847 | Name | Starts At |
| TS15 | Ends At | TS17 | Primary Parents |
| EMAPA:16363[foregut-midgut junction] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:16847, name=hepatic primordium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16847 has parents [EMAPA:16363] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:16847 has parents [EMAPA:16846] | | |
| | 3. Different Start Stage - Referenced OBOComponent EMAPA:16847 has Start Stage TS16 | | |

| Modified OBOComponent 1493 | | | |
|---------------------------------|---|------|-----------------|
| ID | EMAPA:16848 | Name | Starts At |
| TS16 | Ends At | TS17 | Primary Parents |
| EMAPA:16847[hepatic primordium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

| Modified OBOComponent 1493 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:16847, name=hepatic primordium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS17, present=0], OBOComponent [id=EMAPA:16848, name=hepatic primordium parenchyma, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS17, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16848 has name [parenchyma] | | |

| Modified OBOComponent 1494 | | | |
|---------------------------------------|---|------|-----------------|
| ID | EMAPA:16842 | Name | Starts At |
| TS16 | Ends At | TS17 | Primary Parents |
| EMAPA:16840[liver and biliary system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16842, name=gall bladder primordium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 1494 | | | |
|----------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS16, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16842 has synonyms [gall bladder gland] | | |

| Modified OBOComponent 1495 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:16844 | Name | Starts At |
| TS16 | Ends At | TS26 | Primary Parents |
| EMAPA:16843[hepatic duct] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16843, name=hepatic duct, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16844, name=hepatic duct extrahepatic part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16844 has name [extrahepatic part] | | |

| Modified OBOComponent 1496 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:16861 | Name | Starts At |
| TS16 | Ends At | TS19 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 1496

```
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16861, name=somite 31,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS19, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16861, name=somite 31,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS19, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16861, name=somite 31,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

Modified OBOComponent 1496

```
start=TS16, end=TS19, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16861, name=somite 31,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS19, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16861, name=somite 31,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS19, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
```

Modified OBOComponent 1496

```
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16861, name=somite 31,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS19, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16861, name=somite 31,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS19, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
```

| Modified OBOComponent 1496 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:16861, name=somite 31, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS19, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16861 has parents [EMAPA:16860, EMAPA:31169] | | |

| Modified OBOComponent 1497 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16860 | Name | Starts At |
| TS16 | Ends At | TS22 | Primary Parents |
| EMAPA:31169[somite group] EMAPA:16751[tail paraxial mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite | | |

Modified OBOComponent 1497

group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0]]

3. [
OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],
OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],
OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],
OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0],
OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],
OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],
OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0]]

4. [
OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],
OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],
OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],
OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0],
OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],
OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0],
OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0]]

5. [
OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],
OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],
OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],
OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0],
OBOComponent [id=EMAPA:16749, name=tail

| Modified OBOComponent 1497 | | | |
|----------------------------|---|-------------|---------|
| | mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16860 has name [somite] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:16860 has parents [EMAPA:31169, EMAPA:16751] | | |

| Modified OBOComponent 1498 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:16033 | Name | Starts At |
| TS01 | Ends At | TS01 | Primary Parents |
| EMAPA:25765[mouse] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16033 has synonyms [fertilized egg] | | |

| Modified OBOComponent 1499 | | | |
|--|--|------|-----------------|
| ID | EMAPA:28370 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:28494[ureteric trunk] EMAPA:28349[inner medulla] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28494, name=ureteric trunk, | | |

Modified OBOComponent 1499

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28370, name=inner medullary
collecting duct, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28407, name=collecting
duct, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28494, name=ureteric trunk,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28370, name=inner medullary
collecting duct, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28494, name=ureteric trunk,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28370, name=inner medullary
collecting duct, statusChange=CHANGED,
```

Modified OBOComponent 1499

```
statusRule=PASSED, dbID=TBD, newid=TBD,  
namespace=abstract_anatomy, group=false,  
start=TS25, end=TS28, present=0 ]]
```

```
4. [  
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,  
statusChange=UNCHECKED, statusRule=UNCHECKED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=, end=, present=0 ],  
OBOComponent [ id=EMAPA:25765, name=mouse,  
statusChange=UNCHECKED, statusRule=UNCHECKED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=TS01, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:16039, name=embryo,  
statusChange=UNCHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=true, start=TS04, end=TS26, present=0 ],  
OBOComponent [ id=EMAPA:16103, name=organ system,  
statusChange=UNCHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=TS11, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:16245, name=visceral organ,  
statusChange=UNCHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=TS12, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:17366, name=urinary system,  
statusChange=UNCHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=TS19, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:17373, name=metanephros,  
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,  
newid=TBD, namespace=abstract_anatomy, group=false,  
start=TS19, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:28407, name=collecting  
duct, statusChange=CHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=true, start=TS22, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:28494, name=ureteric trunk,  
statusChange=UNCHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=true, start=TS22, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:28370, name=inner medullary  
collecting duct, statusChange=CHANGED,  
statusRule=PASSED, dbID=TBD, newid=TBD,  
namespace=abstract_anatomy, group=false,  
start=TS25, end=TS28, present=0 ]]
```

```
5. [  
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,  
statusChange=UNCHECKED, statusRule=UNCHECKED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=, end=, present=0 ],  
OBOComponent [ id=EMAPA:25765, name=mouse,  
statusChange=UNCHECKED, statusRule=UNCHECKED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=TS01, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:16039, name=embryo,  
statusChange=UNCHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=true, start=TS04, end=TS26, present=0 ],  
OBOComponent [ id=EMAPA:16103, name=organ system,  
statusChange=UNCHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=TS11, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:16245, name=visceral organ,  
statusChange=UNCHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=TS12, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:17366, name=urinary system,  
statusChange=UNCHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=TS19, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:17373, name=metanephros,  
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,  
newid=TBD, namespace=abstract_anatomy, group=false,  
start=TS19, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:19279, name=renal medulla,  
statusChange=UNCHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=TS22, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:28349, name=inner medulla,  
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,  
newid=TBD, namespace=abstract_anatomy, group=false,
```

| Modified OBOComponent 1499 | | | |
|----------------------------|--|-------------|---------|
| | start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28370, name=inner medullary collecting duct, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:28370 has synonyms [papillary collecting duct] | | |

| Modified OBOComponent 1500 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:26759 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:26747[sinus hair] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17525, name=skin, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:26747, name=sinus hair, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:26759, name=sinus hair follicle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26759 has name [follicle] | | |

| Modified OBOComponent 1501 | | | |
|--------------------------------------|--|------|-----------------|
| ID | EMAPA:17909 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00260[lip] EMAPA:17906[lower jaw] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

Modified OBOComponent 1501

| | | | |
|-------------|--|-----------------------------|---------|
| | <pre>statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17906, name=lower jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17909, name=lower lip, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]]</pre> | | |
| | <pre>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00260, name=lip, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17909, name=lower lip, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]]</pre> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17909 has name [lip] | | |

| | |
|-----------------------------------|---|
| Modified OBOComponent 1501 | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17909 has parents [TH:00260, EMAPA:17906] |

| | | | |
|-----------------------------------|---|-------------|-----------------|
| Modified OBOComponent 1502 | | | |
| ID | EMAPA:17906 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00204[jaw] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17906, name=lower jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17906 has parents [EMAPA:16262] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17906 has parents [TH:00204] | | |

| | | | |
|-----------------------------------|---|-------------|-----------------|
| Modified OBOComponent 1503 | | | |
| ID | EMAPA:17905 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17900[rest of hindgut] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17905 has name [vascular element] | | |

| Modified OBOComponent 1504 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:26753 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:26747[sinus hair] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17525, name=skin, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:26747, name=sinus hair, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:26753, name=sinus hair bulb, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26753 has name [bulb] | | |

| Modified OBOComponent 1505 | | | |
|------------------------------|---|-------------|-----------------|
| ID | EMAPA:17902 | Name | Starts At |
| TS21 | Ends At | TS22 | Primary Parents |
| EMAPA:17900[rest of hindgut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17902 has name [epithelium] | | |

| Modified OBOComponent 1506 | | | |
|------------------------------|-------------|------|-----------------|
| ID | EMAPA:17901 | Name | Starts At |
| TS21 | Ends At | TS22 | Primary Parents |
| EMAPA:17900[rest of hindgut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| | | | |

| Modified OBOComponent 1506 | | | |
|----------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17901 has name [associated mesenchyme] | | |

| Modified OBOComponent 1507 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:16856 | Name | Starts At |
| TS16 | Ends At | TS26 | Primary Parents |
| EMAPA:16853[trachea] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16737, name=respiratory tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16738, name=lower respiratory tract, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16853, name=trachea, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16856, name=trachea vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16856 has name [vascular element] | | |

| Modified OBOComponent 1508 | | | |
|--|-------------|-------------|-----------------|
| ID | EMAPA:17904 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17903[rest of hindgut mesentery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| | | | |

| Modified OBOComponent 1508 | |
|----------------------------|---|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17904 has name [dorsal mesentery] |

| Modified OBOComponent 1509 | | | |
|-----------------------------------|--|-------------|-----------------|
| ID | EMAPA:16857 | Name | Starts At |
| TS16 | Ends At | TS18 | Primary Parents |
| EMAPA:16367[genitourinary system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16367, name=genitourinary system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16857, name=gonad, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16857 has synonyms [gonad primordium] | | |

| Modified OBOComponent 1510 | | | |
|------------------------------|--|-------------|-----------------|
| ID | EMAPA:17903 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17900[rest of hindgut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17903 has name [mesentery] | | |

| Modified OBOComponent 1511 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:16854 | Name | Starts At |
| TS16 | Ends At | TS26 | Primary Parents |
| EMAPA:16853[trachea] | | | Group Parents |
| | | | Synonyms |
| | | | |

| Modified OBOComponent 1511 | | | |
|----------------------------|--|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | <div>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16737, name=respiratory tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16738, name=lower respiratory tract, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16853, name=trachea, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16854, name=trachea associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0]]</div> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16854 has name [associated mesenchyme] | | |

| Modified OBOComponent 1512 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16855 | Name | Starts At |
| TS16 | Ends At | TS26 | Primary Parents |
| EMAPA:16853[trachea] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1512 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16737, name=respiratory tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16738, name=lower respiratory tract, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16853, name=trachea, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16855, name=trachea epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16855 has name [epithelium] | | |

| Modified OBOComponent 1513 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16852 | Name | Starts At |
| TS16 | Ends At | TS26 | Primary Parents |
| EMAPA:16849[main bronchus] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16737, name=respiratory tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16738, name=lower respiratory tract, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16849, name=main bronchus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16852, name=main bronchus vascular element, statusChange=CHANGED, | | |

| Modified OBOComponent 1513 | | | |
|----------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16852 has name [vascular element] | | |

| Modified OBOComponent 1514 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17110 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17108[rhombomere 03 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0],</p> <p>OBOComponent [id=EMAPA:17106, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17108, name=rhombomere 03 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17110, name=rhombomere 03 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> | | |

| Modified OBOComponent 1514 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17106, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17108, name=rhombomere 03 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17110, name=rhombomere 03 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17110 has name [marginal layer] | | |

| Modified OBOComponent 1515 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17111 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17108[rhombomere 03 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous | | |

Modified OBOComponent 1515

system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],
 OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],
 OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],
 OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0],
 OBOComponent [id=EMAPA:17106, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],
 OBOComponent [id=EMAPA:17108, name=rhombomere 03 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],
 OBOComponent [id=EMAPA:17111, name=rhombomere 03 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]]

2. [
 OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],
 OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],
 OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],
 OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],
 OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],
 OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],
 OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],
 OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],
 OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0],
 OBOComponent [id=EMAPA:17106, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],
 OBOComponent [id=EMAPA:17108, name=rhombomere 03 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],
 OBOComponent [id=EMAPA:17111, name=rhombomere 03 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]]

Rule Status

PASSED

Edit Status

CHANGED

| Modified OBOComponent 1515 | |
|----------------------------|--|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17111 has name [ventricular layer] |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17111 has synonyms [ependymal layer] |

| Modified OBOComponent 1516 | | | |
|----------------------------------|--|-------------|-----------------|
| ID | EMAPA:16066 | Name | Starts At |
| TS08 | Ends At | TS12 | Primary Parents |
| EMAPA:16047[mural trophoctoderm] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16066 has synonyms [primary trophoblastic giant cells] | | |

| Modified OBOComponent 1517 | | | |
|---------------------------------------|---|-------------|-----------------|
| ID | EMAPA:16065 | Name | Starts At |
| TS07 | Ends At | TS13 | Primary Parents |
| EMAPA:16042[extraembryonic component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Start Stage - Referenced OBOComponent EMAPA:16065 has Start Stage TS08 | | |

| Modified OBOComponent 1518 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17114 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17113[rhombomere 04] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1518 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17113, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17114, name=rhombomere 04 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17113, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17114, name=rhombomere 04 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17114 has name [floor plate] | | |

| Modified OBOComponent 1519 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:17115 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| | | | |

| | | |
|-----------------------------------|--|---------------|
| Modified OBOComponent 1519 | | |
| EMAPA:17113[rhombomere 04] | | Group Parents |
| | | Synonyms |
| [] | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17113, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17115, name=rhombomere 04 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] </pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, </pre> | |

| Modified OBOComponent 1519 | | | |
|----------------------------|---|--|---------|
| | | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17113, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17115, name=rhombomere 04 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17115 has name [lateral wall] | | |

| Modified OBOComponent 1520 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17112 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17106[rhombomere 03] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17106, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17112, name=rhombomere 03 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| | 2. [| | |

| Modified OBOComponent 1520 | | | |
|--|---|-------------|---------|
| OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17106, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17112, name=rhombomere 03 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17112 has name [roof plate] | | |

| Modified OBOComponent 1521 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17113 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17082[myelencephalon] TH:00281[rhombomere] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1521 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17113, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17113, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17113 has parents [EMAPA:17082, TH:00281] | | |

| Modified OBOComponent 1522 | | | |
|--|-------------|------|-----------------|
| ID | EMAPA:16069 | Name | Starts At |
| TS09 | Ends At | TS19 | Primary Parents |
| EMAPA:16039[embryo] EMAPA:25765[mouse] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

| Modified OBOComponent 1522 | | | |
|----------------------------|--|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16069 has synonyms [epithelium] | | |

| Modified OBOComponent 1523 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:26771 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17529[vibrissa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17525, name=skin, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17529, name=vibrissa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:26771, name=vibrissa arrector pili muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26771 has name [arrector pili muscle] | | |

| Modified OBOComponent 1524 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:16062 | Name | Starts At |
| TS08 | Ends At | TS17 | Primary Parents |
| | | | |

| | | | |
|--|--|---------------|---------|
| Modified OBOComponent 1524 | | | |
| EMAPA:16039[embryo] EMAPA:25765[mouse] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16062, name=endoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:16062 has End Stage TS12 | | |

| Modified OBOComponent 1525 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:26765 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:26747[sinus hair] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17525, name=skin, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:26747, name=sinus hair, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:26765, name=sinus hair root sheath, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26765 has name [root sheath] | | |

| |
|-----------------------------------|
| Modified OBOComponent 1526 |
|-----------------------------------|

| Modified OBOComponent 1526 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17108 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17106[rhombomere 03] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <pre> 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17106, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17108, name=rhombomere 03 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, </pre> | | |

| Modified OBOComponent 1526 | | | |
|---|---|-------------|---------|
| dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17106, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17108, name=rhombomere 03 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17108 has name [lateral wall] | | |

| Modified OBOComponent 1527 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17107 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17106[rhombomere 03] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17106, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17107, name=rhombomere 03 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 1527 | | | |
|----------------------------|--|---|---------|
| | | start=TS18, end=TS18, present=0]] | |
| | | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17106, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17107, name=rhombomere 03 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17107 has name [floor plate] | | |

| Modified OBOComponent 1528 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:16820 | Name | Starts At |
| TS16 | Ends At | TS18 | Primary Parents |
| EMAPA:16689[common atrial chamber] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1528 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16689, name=common atrial chamber, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16820, name=common atrial chamber right part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16820 has name [right part] | | |

| Modified OBOComponent 1529 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17106 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17082[myelencephalon] TH:00281[rhombomere] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17106, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |

| Modified OBOComponent 1529 | | | |
|----------------------------|--|-------------|---------|
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17106, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17106 has parents [EMAPA:17082, TH:00281] | | |

| Modified OBOComponent 1530 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16821 | Name | Starts At |
| TS16 | Ends At | TS17 | Primary Parents |
| EMAPA:16820[common atrial chamber right part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, | | |

| Modified OBOComponent 1530 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16689, name=common atrial chamber, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16820, name=common atrial chamber right part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0], OBOComponent [id=EMAPA:16821, name=common atrial chamber right part cardiac jelly, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16821 has name [cardiac jelly] | | |

| Modified OBOComponent 1531 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17105 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17099[rhombomere 02] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17099, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17105, name=rhombomere 02 roof plate, statusChange=CHANGED, | | |

| Modified OBOComponent 1531 | | | |
|----------------------------|--|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17099, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17105, name=rhombomere 02 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17105 has name [roof plate] | | |

| Modified OBOComponent 1532 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16822 | Name | Starts At |
| TS16 | Ends At | TS18 | Primary Parents |
| EMAPA:16820[common atrial chamber right part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, | | |

| Modified OBOComponent 1532 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16689, name=common atrial chamber, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16820, name=common atrial chamber right part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0], OBOComponent [id=EMAPA:16822, name=common atrial chamber right part endocardial lining, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16822 has name [endocardial lining] | | |

| Modified OBOComponent 1533 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16823 | Name | Starts At |
| TS16 | Ends At | TS18 | Primary Parents |
| EMAPA:16820[common atrial chamber right part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16689, name=common atrial chamber, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16820, name=common atrial chamber right part, statusChange=CHANGED, | | |

| Modified OBOComponent 1533 | | | |
|----------------------------|--|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0], OBOComponent [id=EMAPA:16823, name=common atrial chamber right part cardiac muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16823 has name [cardiac muscle] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16823 has synonyms [myocardium] | | |

| Modified OBOComponent 1534 | | | |
|-------------------------------------|---|-------------|-----------------|
| ID | EMAPA:16825 | Name | Starts At |
| TS16 | Ends At | TS18 | Primary Parents |
| EMAPA:16824[right auricular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16689, name=common atrial chamber, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16820, name=common atrial chamber right part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0], OBOComponent [id=EMAPA:16824, name=right auricular region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0], OBOComponent [id=EMAPA:16825, name=right auricular region endocardial lining, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16825 has name [endocardial lining] | | |

| Modified OBOComponent 1535 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17109 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17108[rhombomere 03 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0],</p> <p>OBOComponent [id=EMAPA:17106, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17108, name=rhombomere 03 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17109, name=rhombomere 03 mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> | | |

| Modified OBOComponent 1535 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17106, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17108, name=rhombomere 03 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17109, name=rhombomere 03 mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17109 has name [mantle layer] | | |

| Modified OBOComponent 1536 | | | |
|-------------------------------------|---|------|-----------------|
| ID | EMAPA:16826 | Name | Starts At |
| TS16 | Ends At | TS18 | Primary Parents |
| EMAPA:16824[right auricular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16689, name=common atrial chamber, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16820, name=common atrial | | |

| Modified OBOComponent 1536 | | | |
|----------------------------|--|-------------|---------|
| | chamber right part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0], OBOComponent [id=EMAPA:16824, name=right auricular region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0], OBOComponent [id=EMAPA:16826, name=right auricular region cardiac muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16826 has name [cardiac muscle] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16826 has synonyms [myocardium] | | |

| Modified OBOComponent 1537 | | | |
|--|--|------|-----------------|
| ID | EMAPA:28396 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:28387[renal distal tubule] EMAPA:31566[cortical renal tubule of mature nephron GROUP] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28491, name=mature nephron, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:18976, name=cortical renal tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:31566, name=cortical renal tubule of mature nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28396, name=distal straight tubule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 1537

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group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28396, name=distal straight
tubule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28396, name=distal straight
tubule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
4. [
```

Modified OBOComponent 1537

```
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28396, name=distal straight
tubule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
```

Modified OBOComponent 1537

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28396, name=distal straight
tubule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28396, name=distal straight
tubule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
```


Modified OBOComponent 1537

```
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28396, name=distal straight
tubule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28396, name=distal straight
tubule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
9. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
```

Modified OBOComponent 1537

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28396, name=distal straight
tubule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
10. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28396, name=distal straight
tubule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
11. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
```

Modified OBOComponent 1537

```
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28396, name=distal straight
tubule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
12. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28396, name=distal straight
tubule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
13. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
```

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```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28396, name=distal straight
tubule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
14. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28396, name=distal straight
tubule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

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```
15. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28396, name=distal straight
tubule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
16. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
```


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```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28396, name=distal straight
tubule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
17. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28396, name=distal straight
tubule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
18. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```


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```
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28396, name=distal straight
tubule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
19. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28396, name=distal straight
tubule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
20. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

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```
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28396, name=distal straight
tubule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
21. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 1537

```
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28396, name=distal straight
tubule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
22. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28396, name=distal straight
tubule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
23. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
```

Modified OBOComponent 1537

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28396, name=distal straight
tubule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
24. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28396, name=distal straight
tubule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
25. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 1537

```
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28396, name=distal straight
tubule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
26. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```


| Modified OBOComponent 1537 | | | |
|----------------------------|---|--|---------|
| | | group=true, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28396, name=distal straight tubule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] 27. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:18976, name=cortical renal tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28387, name=renal distal tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28396, name=distal straight tubule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:28396 has synonyms [thick ascending limb] | | |

| Modified OBOComponent 1538 | | | |
|--------------------------------------|--|-------------|-----------------|
| ID | EMAPA:16053 | Name | Starts At |
| TS06 | Ends At | TS26 | Primary Parents |
| EMAPA:16052[extraembryonic endoderm] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16053 has synonyms [distal endoderm] | | |

| Modified OBOComponent 1539 | | | |
|----------------------------|-------------|------|-----------|
| ID | EMAPA:17100 | Name | Starts At |

| Modified OBOComponent 1539 | | | |
|----------------------------|--|------|-----------------|
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17099[rhombomere 02] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17099, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17100, name=rhombomere 02 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] </pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, </pre> <p>]</p> | | |

| Modified OBOComponent 1539 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17099, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17100, name=rhombomere 02 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17100 has name [floor plate] | | |

| Modified OBOComponent 1540 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17101 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17099[rhombomere 02] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17099, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17101, name=rhombomere 02 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |

| Modified OBOComponent 1540 | | | |
|----------------------------|--|-------------|---------|
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17099, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17101, name=rhombomere 02 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17101 has name [lateral wall] | | |

| Modified OBOComponent 1541 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17102 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17101[rhombomere 02 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, | | |

Modified OBOComponent 1541

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17071, name=metencephalon,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17099, name=rhombomere 02,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17101, name=rhombomere 02
lateral wall, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17102, name=rhombomere 02
mantle layer, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00281, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17099, name=rhombomere 02,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17101, name=rhombomere 02
lateral wall, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17102, name=rhombomere 02
mantle layer, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
```

| Modified OBOComponent 1541 | | | |
|----------------------------|---|---|---------|
| | | namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17102 has name [mantle layer] | | |

| Modified OBOComponent 1542 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17103 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17101[rhombomere 02 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17099, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17101, name=rhombomere 02 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17103, name=rhombomere 02 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo,</p> | | |

| Modified OBOComponent 1542 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17099, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17101, name=rhombomere 02 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17103, name=rhombomere 02 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17103 has name [marginal layer] | | |

| Modified OBOComponent 1543 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17104 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17101[rhombomere 02 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, | | |

Modified OBOComponent 1543

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17071, name=metencephalon,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17099, name=rhombomere 02,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17101, name=rhombomere 02
lateral wall, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17104, name=rhombomere 02
ventricular layer, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00281, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17099, name=rhombomere 02,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17101, name=rhombomere 02
lateral wall, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17104, name=rhombomere 02
ventricular layer, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ]]
```

Rule Status

PASSED

Edit Status

CHANGED

| Modified OBOComponent 1543 | |
|----------------------------|--|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17104 has name [ventricular layer] |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17104 has synonyms [ependymal layer] |

| Modified OBOComponent 1544 | | | |
|--|---|------|-----------------|
| ID | EMAPA:28393 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:28387[renal distal tubule] EMAPA:31566[cortical renal tubule of mature nephron GROUP] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28491, name=mature nephron, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:18976, name=cortical renal tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:31566, name=cortical renal tubule of mature nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28393, name=distal convoluted tubule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]]</pre> <p>2. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</pre> <p>]</p> | | |

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```
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28393, name=distal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28393, name=distal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

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```
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28393, name=distal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28393, name=distal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
```

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```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28393, name=distal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
```

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```
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28393, name=distal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28393, name=distal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
9. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
```


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```
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28393, name=distal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
10. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28393, name=distal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
11. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
```

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```
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28393, name=distal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
12. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28393, name=distal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
13. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

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```
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28393, name=distal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
14. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28393, name=distal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

Modified OBOComponent 1544

```
15. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28393, name=distal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
16. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
```

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```
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28393, name=distal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
17. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28393, name=distal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
18. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
```


Modified OBOComponent 1544

```
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28393, name=distal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
19. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28393, name=distal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```


Modified OBOComponent 1544

```

20. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28393, name=distal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]

```

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21. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,

```

Modified OBOComponent 1544

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28393, name=distal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
22. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28393, name=distal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
23. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
```

Modified OBOComponent 1544

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28393, name=distal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
24. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
```

Modified OBOComponent 1544

```
OBOComponent [ id=EMAPA:28393, name=distal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
25. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28387, name=renal distal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28393, name=distal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
26. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
```

| Modified OBOComponent 1544 | | | |
|----------------------------|---|---|---------|
| | | GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:18976, name=cortical renal tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:31566, name=cortical renal tubule of mature nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28393, name=distal convoluted tubule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | |
| | | 27. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:18976, name=cortical renal tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28387, name=renal distal tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28393, name=distal convoluted tubule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:28393 has synonyms [second convoluted tubule] | | |

| Modified OBOComponent 1545 | | | |
|--|-------------|------|-----------------|
| ID | EMAPA:16050 | Name | Starts At |
| TS06 | Ends At | TS08 | Primary Parents |
| EMAPA:16039[embryo] EMAPA:25765[mouse] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

| Modified OBOComponent 1545 | | | |
|----------------------------|--|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16050, name=epiblast, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS06, end=TS08, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16050 has synonyms [primitive ectoderm] | | |

| Modified OBOComponent 1546 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:26775 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18769[hair] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17525, name=skin, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18769, name=hair, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:26775, name=hair arrector pili muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26775 has name [arrector pili muscle] | | |

| Modified OBOComponent 1547 | | | |
|----------------------------|-------------|------|-----------|
| ID | EMAPA:16838 | Name | Starts At |
| | | | |

| Modified OBOComponent 1547 | | | |
|----------------------------|--|-------------|-----------------|
| TS16 | Ends At | TS23 | Primary Parents |
| EMAPA:16833[oesophagus] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16833, name=oesophagus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS23, present=0], OBOComponent [id=EMAPA:16838, name=oesophagus vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16838 has name [vascular element] | | |

| Modified OBOComponent 1548 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:26779 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:26747[sinus hair] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1548 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17525, name=skin, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:26747, name=sinus hair, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:26779, name=sinus hair arrector pili muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26779 has name [arrector pili muscle] | | |

| Modified OBOComponent 1549 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:16836 | Name | Starts At |
| TS16 | Ends At | TS23 | Primary Parents |
| EMAPA:16833[oesophagus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16833, name=oesophagus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS23, present=0], OBOComponent [id=EMAPA:16836, name=oesophagus mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16836 has name [mesentery] | | |

| Modified OBOComponent 1550 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:16834 | Name | Starts At |
| TS16 | Ends At | TS22 | Primary Parents |
| EMAPA:16833[oesophagus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16833, name=oesophagus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS23, present=0], OBOComponent [id=EMAPA:16834, name=oesophagus associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16834 has name [associated mesenchyme] | | |

| Modified OBOComponent 1551 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16835 | Name | Starts At |
| TS16 | Ends At | TS22 | Primary Parents |
| EMAPA:16833[oesophagus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1551 | | | |
|----------------------------|---|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16833, name=oesophagus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS23, present=0], OBOComponent [id=EMAPA:16835, name=oesophagus epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16835 has name [epithelium] | | |

| Modified OBOComponent 1552 | | | |
|------------------------------|--|------|-----------------|
| ID | EMAPA:16804 | Name | Starts At |
| TS16 | Ends At | TS20 | Primary Parents |
| EMAPA:16802[frontal process] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16680, name=nasal process, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS20, present=0], OBOComponent [id=EMAPA:16681, name=fronto-nasal process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS20, present=0], OBOComponent [id=EMAPA:16802, name=frontal | | |

| Modified OBOComponent 1552 | | | |
|----------------------------|--|-------------|---------|
| | process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS20, present=0], OBOComponent [id=EMAPA:16804, name=frontal process mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16804 has name [mesenchyme] | | |

| Modified OBOComponent 1553 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17934 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17933[premaxilla] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17933, name=premaxilla, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0], OBOComponent [id=EMAPA:17934, name=primary palate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17934 has synonyms [intermaxillary segment] | | |

| Modified OBOComponent 1554 | | | |
|----------------------------|--|--|--|
| | | | |

| Modified OBOComponent 1554 | | | |
|------------------------------|---|-------------|-----------------|
| ID | EMAPA:16803 | Name | Starts At |
| TS16 | Ends At | TS19 | Primary Parents |
| EMAPA:16802[frontal process] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16680, name=nasal process, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS20, present=0], OBOComponent [id=EMAPA:16681, name=fronto-nasal process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS20, present=0], OBOComponent [id=EMAPA:16802, name=frontal process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS20, present=0], OBOComponent [id=EMAPA:16803, name=frontal process ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16803 has name [ectoderm] | | |

| Modified OBOComponent 1555 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:17935 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17934[primary palate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, | | |

| Modified OBOComponent 1555 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17933, name=premaxilla, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0], OBOComponent [id=EMAPA:17934, name=primary palate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0], OBOComponent [id=EMAPA:17935, name=primary palate epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17935 has name [epithelium] | | |

| Modified OBOComponent 1556 | | | |
|-----------------------------|---|------|-----------------|
| ID | EMAPA:17936 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17934[primary palate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1556 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17933, name=premaxilla, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0], OBOComponent [id=EMAPA:17934, name=primary palate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0], OBOComponent [id=EMAPA:17936, name=primary palate mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17936 has name [mesenchyme] | | |

| Modified OBOComponent 1557 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17937 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17924[upper jaw] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17937, name=upper jaw alveolar sulcus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |

| Modified OBOComponent 1557 | | | |
|----------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17937 has name [alveolar sulcus] | | |

| Modified OBOComponent 1558 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17127 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| TH:00281[rhombomere] EMAPA:17082[myelencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0],</p> <p>OBOComponent [id=EMAPA:17127, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED,</p> | | |

| Modified OBOComponent 1558 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17127, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17127 has parents [TH:00281, EMAPA:17082] | | |

| Modified OBOComponent 1559 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:16800 | Name | Starts At |
| TS16 | Ends At | TS19 | Primary Parents |
| EMAPA:16542[nose] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16800, name=olfactory pit, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16800 has synonyms [nasal pit] | | |

| Modified OBOComponent 1560 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:17128 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17127[rhombomere 06] | | | Group Parents |
| | | | Synonyms |
| | | | |

Modified OBOComponent 1560

| [] | Primary Path |
|-----------------|---|
| Alternate Paths | <div data-bbox="512 192 1355 1312"> <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0],</p> <p>OBOComponent [id=EMAPA:17127, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17128, name=rhombomere 06 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]]</p> </div> <div data-bbox="512 1312 1355 2134"> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00281, name=rhombomere,</p> </div> |

| Modified OBOComponent 1560 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17127, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17128, name=rhombomere 06 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17128 has name [floor plate] | | |

| Modified OBOComponent 1561 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17931 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17930[palatal shelf] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17930, name=palatal shelf, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0], OBOComponent [id=EMAPA:17931, name=palatal shelf epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17931 has name [epithelium] | | |

| Modified OBOComponent 1562 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17129 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17127[rhombomere 06] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17127, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17129, name=rhombomere 06 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain,</p> | | |

| Modified OBOComponent 1562 | | | |
|----------------------------|---|--|---------|
| | | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17127, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17129, name=rhombomere 06 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17129 has name [lateral wall] | | |

| Modified OBOComponent 1563 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17932 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17930[palatal shelf] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17930, name=palatal shelf, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0], OBOComponent [id=EMAPA:17932, name=palatal shelf mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 1563 | | | |
|----------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17932 has name [mesenchyme] | | |

| Modified OBOComponent 1564 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:18025 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17213[skeleton] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18025, name=pectoral girdle and thoracic body wall skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18025, name=pectoral girdle and thoracic body wall skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]]</p> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18025 has name [pectoral girdle and thoracic body wall] | | |

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| Modified OBOComponent 1565 | | | |
|-----------------------------------|---|-------------|-----------------|
| ID | EMAPA:16809 | Name | Starts At |
| TS16 | Ends At | TS19 | Primary Parents |
| EMAPA:16808[medial-nasal process] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16680, name=nasal process, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS20, present=0], OBOComponent [id=EMAPA:16681, name=fronto-nasal process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS20, present=0], OBOComponent [id=EMAPA:16808, name=medial-nasal process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS20, present=0], OBOComponent [id=EMAPA:16809, name=medial-nasal process ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16809 has name [ectoderm] | | |

| Modified OBOComponent 1566 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18028 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17213[skeleton] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 1566 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18028, name=pelvic girdle skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18028, name=pelvic girdle skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18028 has name [pelvic girdle] | | |

| Modified OBOComponent 1567 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:27327 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18925[rectum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, | | |

| Modified OBOComponent 1567 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18925, name=rectum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27327, name=rectum muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27327 has name [muscularis] | | |

| Modified OBOComponent 1568 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:17938 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17924[upper jaw] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17938, name=upper jaw tooth, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17938 has name [tooth] | | |

| Modified OBOComponent 1569 | | | |
|----------------------------|-------------|------|-----------|
| ID | EMAPA:18021 | Name | Starts At |
| | | | |

| Modified OBOComponent 1569 | | | |
|----------------------------|--|------|-----------------|
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:18020[temporal bone] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18016, name=vault of skull, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18020, name=temporal bone, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18021, name=temporal bone squamous part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] </pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18016, name=vault of skull, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18020, name=temporal bone, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18021, name=temporal bone squamous part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, </pre> | | |

| Modified OBOComponent 1569 | | | |
|----------------------------|--|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18021 has name [squamous part] | | |

| Modified OBOComponent 1570 | | | |
|-----------------------------------|--|-------------|-----------------|
| ID | EMAPA:16807 | Name | Starts At |
| TS16 | Ends At | TS20 | Primary Parents |
| EMAPA:16805[latero-nasal process] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16680, name=nasal process, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS20, present=0], OBOComponent [id=EMAPA:16681, name=fronto-nasal process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS20, present=0], OBOComponent [id=EMAPA:16805, name=latero-nasal process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS20, present=0], OBOComponent [id=EMAPA:16807, name=latero-nasal process mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16807 has name [mesenchyme] | | |

| Modified OBOComponent 1571 | | | |
|------------------------------|--|------|-----------------|
| ID | EMAPA:17939 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17938[upper jaw tooth] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

| Modified OBOComponent 1571 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17938, name=upper jaw tooth, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17939, name=upper jaw incisor, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17939 has name [incisor] | | |

| Modified OBOComponent 1572 | | | |
|-----------------------------------|---|------|-----------------|
| ID | EMAPA:16806 | Name | Starts At |
| TS16 | Ends At | TS19 | Primary Parents |
| EMAPA:16805[latero-nasal process] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], | | |

| Modified OBOComponent 1572 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16680, name=nasal process, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS20, present=0], OBOComponent [id=EMAPA:16681, name=fronto-nasal process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS20, present=0], OBOComponent [id=EMAPA:16805, name=latero-nasal process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS20, present=0], OBOComponent [id=EMAPA:16806, name=latero-nasal process ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS19, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16806 has name [ectoderm] | | |

| Modified OBOComponent 1573 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:27331 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18925[rectum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18925, name=rectum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27331, name=rectum serosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27331 has name [serosa] | | |

| Modified OBOComponent 1574 | | | |
|-----------------------------|--|-------------|-----------------|
| ID | EMAPA:18018 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:18016[vault of skull] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18016, name=vault of skull, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18018, name=inter-parietal bone primordium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18016, name=vault of skull, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18018, name=inter-parietal bone primordium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0]]</p> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced | | |

| Modified OBOComponent 1574 | |
|----------------------------|---|
| | OBOComponent EMAPA:18018 has synonyms [squamous part of supraoccipital bone primordium] |

| Modified OBOComponent 1575 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17135 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17134[rhombomere 07] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <pre> 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17134, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17135, name=rhombomere 07 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, </pre> | | |

| Modified OBOComponent 1575 | | | |
|----------------------------|--|--|---------|
| | | group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17134, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17135, name=rhombomere 07 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17135 has name [floor plate] | | |

| Modified OBOComponent 1576 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17134 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| TH:00281[rhombomere] EMAPA:17082[myelencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17134, name=rhombomere 07, | | |

| Modified OBOComponent 1576 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17134, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17134 has parents [TH:00281, EMAPA:17082] | | |

| Modified OBOComponent 1577 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17137 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17136[rhombomere 07 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, | | |

Modified OBOComponent 1577

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17082, name=myelencephalon,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:17134, name=rhombomere 07,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17136, name=rhombomere 07
lateral wall, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17137, name=rhombomere 07
mantle layer, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00281, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17134, name=rhombomere 07,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17136, name=rhombomere 07
lateral wall, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17137, name=rhombomere 07
mantle layer, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
```

| Modified OBOComponent 1577 | | | |
|----------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17137 has name [mantle layer] | | |

| Modified OBOComponent 1578 | | | |
|--------------------------------|---|-------------|-----------------|
| ID | EMAPA:17940 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17939[upper jaw incisor] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17938, name=upper jaw tooth, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17939, name=upper jaw incisor, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17940, name=upper jaw incisor epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17940 has name [epithelium] | | |

| Modified OBOComponent 1579 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:17136 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |

| Modified OBOComponent 1579 | |
|----------------------------|--|
| EMAPA:17134[rhombomere 07] | Group Parents |
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17134, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17136, name=rhombomere 07 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] </pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, </pre> |

| Modified OBOComponent 1579 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17134, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17136, name=rhombomere 07 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17136 has name [lateral wall] | | |

| Modified OBOComponent 1580 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17131 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17129[rhombomere 06 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17127, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17129, name=rhombomere 06 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17131, name=rhombomere 06 marginal layer, statusChange=CHANGED, | | |

| Modified OBOComponent 1580 | | | |
|----------------------------|--|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17127, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17129, name=rhombomere 06 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17131, name=rhombomere 06 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17131 has name [marginal layer] | | |

| Modified OBOComponent 1581 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17130 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17129[rhombomere 06 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

Modified OBOComponent 1581

```
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17082, name=myelencephalon,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:17127, name=rhombomere 06,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17129, name=rhombomere 06
lateral wall, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17130, name=rhombomere 06
mantle layer, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00281, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17127, name=rhombomere 06,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

| Modified OBOComponent 1581 | | | |
|----------------------------|--|-------------|---------|
| | start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17129, name=rhombomere 06 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17130, name=rhombomere 06 mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17130 has name [mantle layer] | | |

| Modified OBOComponent 1582 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17133 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17127[rhombomere 06] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17127, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17133, name=rhombomere 06 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

Modified OBOComponent 1582

| | | | |
|-------------|--|-------------|---------|
| | <pre>statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17127, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17133, name=rhombomere 06 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]]</pre> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17133 has name [roof plate] | | |

Modified OBOComponent 1583

| | | | |
|---|---|------|-----------------|
| ID | EMAPA:17132 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17129[rhombomere 06 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <pre>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</pre> | | |

Modified OBOComponent 1583

| | |
|-------------|--|
| | <pre> group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17127, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17129, name=rhombomere 06 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17132, name=rhombomere 06 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17127, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17129, name=rhombomere 06 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17132, name=rhombomere 06 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] </pre> |
| Rule Status | <div>PASSED</div> <div>Edit Status</div> <div>CHANGED</div> |
| Comments | 1. Different Name - Referenced OBOComponent |

| Modified OBOComponent 1583 | |
|----------------------------|---|
| | EMAPA:17132 has name [ventricular layer] |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17132 has synonyms [ependymal layer] |

| Modified OBOComponent 1584 | | | |
|------------------------------------|---|-------------|-----------------|
| ID | EMAPA:16813 | Name | Starts At |
| TS16 | Ends At | TS18 | Primary Parents |
| EMAPA:16689[common atrial chamber] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16689, name=common atrial chamber, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16813, name=common atrial chamber left part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16813 has name [left part] | | |

| Modified OBOComponent 1585 | | | |
|--|---|------|-----------------|
| ID | EMAPA:16815 | Name | Starts At |
| TS16 | Ends At | TS18 | Primary Parents |
| EMAPA:16813[common atrial chamber left part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1585 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16689, name=common atrial chamber, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16813, name=common atrial chamber left part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0], OBOComponent [id=EMAPA:16815, name=common atrial chamber left part endocardial lining, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16815 has name [endocardial lining] | | |

| Modified OBOComponent 1586 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17945 | Name | Starts At |
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:16846[liver] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:16846, name=liver, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1586 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:17945, name=liver bare area, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17945 has name [bare area] | | |

| Modified OBOComponent 1587 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:16814 | Name | Starts At |
| TS16 | Ends At | TS17 | Primary Parents |
| EMAPA:16813[common atrial chamber left part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16689, name=common atrial chamber, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16813, name=common atrial chamber left part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0], OBOComponent [id=EMAPA:16814, name=common atrial chamber left part cardiac jelly, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16814 has name [cardiac jelly] | | |

| Modified OBOComponent 1588 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:26716 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17529[vibrissa] | | | Group Parents |
| | | | Synonyms |
| | | | |

| Modified OBOComponent 1588 | | | |
|----------------------------|--|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17525, name=skin, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17529, name=vibrissa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:26716, name=vibrissa bulb, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26716 has name [bulb] | | |

| Modified OBOComponent 1589 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17118 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17115[rhombomere 04 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], | | |

Modified OBOComponent 1589

| | | | |
|-------------|--|-------------|---------|
| | <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0],</p> <p>OBOComponent [id=EMAPA:17113, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17115, name=rhombomere 04 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17118, name=rhombomere 04 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17113, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17115, name=rhombomere 04 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17118, name=rhombomere 04 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]]</p> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | <p>1. Different Name - Referenced OBOComponent EMAPA:17118 has name [ventricular layer]</p> <p>2. Different Synonyms - Referenced OBOComponent EMAPA:17118 has synonyms [ependymal layer]</p> | | |

| Modified OBOComponent 1590 | | | |
|------------------------------|---|-------------|-----------------|
| ID | EMAPA:17943 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17942[upper jaw molar] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17938, name=upper jaw tooth, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17942, name=upper jaw molar, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17943, name=upper jaw molar epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17943 has name [epithelium] | | |

| Modified OBOComponent 1591 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17119 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17113[rhombomere 04] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 1591

```
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17082, name=myelencephalon,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:17113, name=rhombomere 04,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17119, name=rhombomere 04
roof plate, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00281, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17113, name=rhombomere 04,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```


| Modified OBOComponent 1591 | | | |
|----------------------------|---|-------------|---------|
| | start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17119, name=rhombomere 04 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17119 has name [roof plate] | | |

| Modified OBOComponent 1592 | | | |
|------------------------------|---|-------------|-----------------|
| ID | EMAPA:17944 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17942[upper jaw molar] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17938, name=upper jaw tooth, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17942, name=upper jaw molar, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17944, name=upper jaw molar mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17944 has name [mesenchyme] | | |

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| Modified OBOComponent 1593 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17116 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17115[rhombomere 04 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0],</p> <p>OBOComponent [id=EMAPA:17113, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17115, name=rhombomere 04 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17116, name=rhombomere 04 mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> | | |

| Modified OBOComponent 1593 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17113, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17115, name=rhombomere 04 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17116, name=rhombomere 04 mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17116 has name [mantle layer] | | |

| Modified OBOComponent 1594 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:17941 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17939[upper jaw incisor] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, | | |

| Modified OBOComponent 1594 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17938, name=upper jaw tooth, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17939, name=upper jaw incisor, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17941, name=upper jaw incisor mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17941 has name [mesenchyme] | | |

| Modified OBOComponent 1595 | | | |
|---|--|------|-----------------|
| ID | EMAPA:28328 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:28322[loop of Henle, outer medullary portion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28491, name=mature nephron, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:19280, name=Loop of Henle group, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28322, name=loop of Henle, outer medullary portion, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28328, name=thin ascending limb, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

Modified OBOComponent 1595

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OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19279, name=renal medulla,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19280, name=Loop of Henle
group, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28322, name=loop of Henle,
outer medullary portion, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28328, name=thin ascending
limb, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19280, name=Loop of Henle
group, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28322, name=loop of Henle,
outer medullary portion, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28328, name=thin ascending
limb, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 1595

```
group=false, start=TS25, end=TS28, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19279, name=renal medulla,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28310, name=outer medulla,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28322, name=loop of Henle,
outer medullary portion, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28328, name=thin ascending
limb, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19279, name=renal medulla,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19280, name=Loop of Henle
```


| Modified OBOComponent 1595 | | | |
|----------------------------|--|-------------|---------|
| | group, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28322, name=loop of Henle, outer medullary portion, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28328, name=thin ascending limb, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:28328 has synonyms [ascending thin limb] | | |

| Modified OBOComponent 1596 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17117 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17115[rhombomere 04 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17113, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17115, name=rhombomere 04 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17117, name=rhombomere 04 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |

Modified OBOComponent 1596

| | | | |
|--|---|-------------|---------|
| 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17113, name=rhombomere 04, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17115, name=rhombomere 04 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17117, name=rhombomere 04 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17117 has name [marginal layer] | | |

Modified OBOComponent 1597

| | | | |
|-----------------------------------|--|------|-----------------|
| ID | EMAPA:16810 | Name | Starts At |
| TS16 | Ends At | TS20 | Primary Parents |
| EMAPA:16808[medial-nasal process] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 1597 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16680, name=nasal process, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS20, present=0], OBOComponent [id=EMAPA:16681, name=fronto-nasal process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS20, present=0], OBOComponent [id=EMAPA:16808, name=medial-nasal process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS20, present=0], OBOComponent [id=EMAPA:16810, name=medial-nasal process mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS20, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16810 has name [mesenchyme] | | |

| Modified OBOComponent 1598 | | | |
|------------------------------|--|------|-----------------|
| ID | EMAPA:17942 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17938[upper jaw tooth] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, | | |

| Modified OBOComponent 1598 | | | |
|----------------------------|--|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17938, name=upper jaw tooth, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17942, name=upper jaw molar, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17942 has name [molar] | | |

| Modified OBOComponent 1599 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:27319 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18925[rectum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18925, name=rectum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27319, name=rectum mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27319 has name [mucosa] | | |

| Modified OBOComponent 1600 | | | |
|------------------------------------|-------------|------|-----------------|
| ID | EMAPA:16817 | Name | Starts At |
| TS16 | Ends At | TS18 | Primary Parents |
| EMAPA:16816[left auricular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

| Modified OBOComponent 1600 | | | |
|----------------------------|---|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16689, name=common atrial chamber, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16813, name=common atrial chamber left part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0], OBOComponent [id=EMAPA:16816, name=left auricular region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0], OBOComponent [id=EMAPA:16817, name=left auricular region endocardial lining, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16817 has name [endocardial lining] | | |

| Modified OBOComponent 1601 | | | |
|--|--|------|-----------------|
| ID | EMAPA:16819 | Name | Starts At |
| TS16 | Ends At | TS18 | Primary Parents |
| EMAPA:16813[common atrial chamber left part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], | | |

| Modified OBOComponent 1601 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16689, name=common atrial chamber, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16813, name=common atrial chamber left part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0], OBOComponent [id=EMAPA:16819, name=common atrial chamber left part cardiac muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16819 has name [cardiac muscle] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16819 has synonyms [myocardium] | | |

| Modified OBOComponent 1602 | | | |
|-----------------------------------|--|------|-----------------|
| ID | EMAPA:27315 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27291[perineal body mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18921, name=perineal body, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27291, name=perineal body mucosa, statusChange=CHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1602 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27315, name=perineal body muscularis mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27315 has name [muscularis mucosa] | | |

| Modified OBOComponent 1603 | | | |
|------------------------------------|---|-------------|-----------------|
| ID | EMAPA:16818 | Name | Starts At |
| TS16 | Ends At | TS18 | Primary Parents |
| EMAPA:16816[left auricular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16689, name=common atrial chamber, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16813, name=common atrial chamber left part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0], OBOComponent [id=EMAPA:16816, name=left auricular region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0], OBOComponent [id=EMAPA:16818, name=left auricular region cardiac muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16818 has name [cardiac muscle] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16818 has synonyms [myocardium] | | |

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| Modified OBOComponent 1604 | | | |
|--|--|------|-----------------|
| | | | |
| ID | EMAPA:18011 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| TH:00028[vertebra] EMAPA:17396[axial skeleton thoracic region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00028, name=vertebra, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18011, name=thoracic vertebra, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17396, name=axial skeleton thoracic region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0],</p> | | |

| Modified OBOComponent 1604 | | | |
|----------------------------|--|---|---------|
| | | OBOComponent [id=EMAPA:18011, name=thoracic vertebra, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0] | |
| | | 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00028, name=vertebra, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18011, name=thoracic vertebra, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17396, name=axial skeleton thoracic region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18011, name=thoracic vertebra, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18011 has name [vertebra] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:18011 has parents [TH:00028, EMAPA:17396] | | |

| Modified OBOComponent 1605 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:27323 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18925[rectum] | | | Group Parents |
| | | | |

| Modified OBOComponent 1605 | | | |
|----------------------------|--|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18925, name=rectum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27323, name=rectum submucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27323 has name [submucosa] | | |

| Modified OBOComponent 1606 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18009 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| TH:00030[vertebral cartilage condensation] EMAPA:17676[axial skeleton sacral region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, | | |

Modified OBOComponent 1606

```
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00030, name=vertebral
cartilage condensation, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18009, name=sacral
vertebral cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS23, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17676, name=axial skeleton
sacral region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18009, name=sacral
vertebral cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS23, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00030, name=vertebral
cartilage condensation, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
```

| Modified OBOComponent 1606 | | | |
|----------------------------|---|---|---------|
| | | start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18009, name=sacral vertebral cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17676, name=axial skeleton sacral region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:18009, name=sacral vertebral cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18009 has name [vertebral cartilage condensation] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:18009 has parents [TH:00030, EMAPA:17676] | | |

| Modified OBOComponent 1607 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:18008 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| TH:00029[intervertebral disc] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, | | |

| Modified OBOComponent 1607 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00029, name=intervertebral disc, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18008, name=nucleus pulposus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00029, name=intervertebral disc, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18008, name=nucleus pulposus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:18008 has parents [EMAPA:17214] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:18008 has parents [TH:00029] | | |
| | 3. Different Start Stage - Referenced OBOComponent EMAPA:18008 has Start Stage TS21 | | |

| Modified OBOComponent 1608 | | | |
|---|---|------|-----------------|
| ID | EMAPA:18007 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:17393[axial skeleton lumbar region] TH:00028[vertebra] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

Modified OBOComponent 1608

```
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00028, name=vertebra,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18007, name=lumbar
vertebra, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17393, name=axial skeleton
lumbar region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18007, name=lumbar
vertebra, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
```

| Modified OBOComponent 1608 | | | |
|----------------------------|--|--|---------|
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00028, name=vertebra, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18007, name=lumbar vertebra, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17393, name=axial skeleton lumbar region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18007, name=lumbar vertebra, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18007 has name [vertebra] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:18007 has parents [EMAPA:17393, TH:00028] | | |

| Modified OBOComponent 1609 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17126 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17120[rhombomere 05] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 1609

| | |
|-------------|---|
| | <pre> group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17120, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17126, name=rhombomere 05 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17120, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17126, name=rhombomere 05 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] </pre> |
| Rule Status | <div>PASSED</div> <div>Edit Status</div> <div>CHANGED</div> |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17126 has name [roof plate] |

Modified OBOComponent 1610

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

| Modified OBOComponent 1610 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17125 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17122[rhombomere 05 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0],</p> <p>OBOComponent [id=EMAPA:17120, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17122, name=rhombomere 05 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17125, name=rhombomere 05 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous</p> | | |

| Modified OBOComponent 1610 | | | |
|----------------------------|---|-------------|---------|
| | system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17120, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17122, name=rhombomere 05 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17125, name=rhombomere 05 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17125 has name [ventricular layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17125 has synonyms [ependymal layer] | | |

| Modified OBOComponent 1611 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17124 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17122[rhombomere 05 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, | | |

| Modified OBOComponent 1611 | | | |
|----------------------------|---|-------------|---------|
| | <pre> newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17120, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17122, name=rhombomere 05 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17124, name=rhombomere 05 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] </pre> | | |
| | <pre> 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17120, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17122, name=rhombomere 05 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17124, name=rhombomere 05 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] </pre> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17124 has name [marginal layer] | | |

| Modified OBOComponent 1612 | | | |
|----------------------------|-------------|------|-----------|
| ID | EMAPA:17123 | Name | Starts At |

| Modified OBOComponent 1612 | | | |
|---|---|------|-----------------|
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17122[rhombomere 05 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0],</p> <p>OBOComponent [id=EMAPA:17120, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17122, name=rhombomere 05 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17123, name=rhombomere 05 mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED,</p> | | |

| Modified OBOComponent 1612 | | | |
|----------------------------|--|---|---------|
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17120, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17122, name=rhombomere 05 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17123, name=rhombomere 05 mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17123 has name [mantle layer] | | |

| Modified OBOComponent 1613 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17122 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17120[rhombomere 05] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1613 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17120, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17122, name=rhombomere 05 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17120, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17122, name=rhombomere 05 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17122 has name [lateral wall] | | |

| Modified OBOComponent 1614 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17121 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17120[rhombomere 05] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 1614

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17082, name=myelencephalon,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:17120, name=rhombomere 05,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17121, name=rhombomere 05
floor plate, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00281, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17120, name=rhombomere 05,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17121, name=rhombomere 05
floor plate, statusChange=CHANGED,
```

| Modified OBOComponent 1614 | | | |
|----------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17121 has name [floor plate] | | |

| Modified OBOComponent 1615 | | | |
|---|--|------|-----------------|
| ID | EMAPA:28331 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:28322[loop of Henle, outer medullary portion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28491, name=mature nephron, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS25, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:19280, name=Loop of Henle group, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS25, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28322, name=loop of Henle, outer medullary portion, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28331, name=premacula segment of distal straight tubule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> | | |

Modified OBOComponent 1615

```
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19279, name=renal medulla,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19280, name=Loop of Henle
group, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28322, name=loop of Henle,
outer medullary portion, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28331, name=premacula
segment of distal straight tubule,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19280, name=Loop of Henle
group, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28322, name=loop of Henle,
outer medullary portion, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28331, name=premacula
segment of distal straight tubule,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 1615

```
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19279, name=renal medulla,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28310, name=outer medulla,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28322, name=loop of Henle,
outer medullary portion, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28331, name=premacula
segment of distal straight tubule,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19279, name=renal medulla,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19280, name=Loop of Henle
group, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28322, name=loop of Henle,
outer medullary portion, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28331, name=premacula
```

| Modified OBOComponent 1615 | | | |
|----------------------------|--|-------------|---------|
| | segment of distal straight tubule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:28331 has synonyms [thick ascending limb] | | |

| Modified OBOComponent 1616 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17120 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17082[myelencephalon] TH:00281[rhombomere] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0],</p> <p>OBOComponent [id=EMAPA:17120, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> | | |

| Modified OBOComponent 1616 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17120, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17120 has parents [EMAPA:17082, TH:00281] | | |

| Modified OBOComponent 1617 | | | |
|---------------------------------------|--|------|-----------------|
| ID | EMAPA:17149 | Name | Starts At |
| TS18 | Ends At | TS19 | Primary Parents |
| EMAPA:17148[neural tube mantle layer] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16525, name=future spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16530, name=neural tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16532, name=neural tube lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:17148, name=neural tube | | |

| Modified OBOComponent 1617 | | | |
|----------------------------|---|-------------|---------|
| | mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17149, name=neural tube alar columns, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17149 has name [alar columns] | | |

| Modified OBOComponent 1618 | | | |
|---|---|------|-----------------|
| ID | EMAPA:28358 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:28352[loop of Henle, inner medullary portion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28491, name=mature nephron, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:19280, name=Loop of Henle group, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28352, name=loop of Henle, inner medullary portion, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28358, name=bend of loop of Henle inner medullary portion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED,</p> | | |

Modified OBOComponent 1618

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19279, name=renal medulla,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19280, name=Loop of Henle
group, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28352, name=loop of Henle,
inner medullary portion, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28358, name=bend of loop of
Henle inner medullary portion,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19280, name=Loop of Henle
group, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28352, name=loop of Henle,
inner medullary portion, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28358, name=bend of loop of
Henle inner medullary portion,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
```


Modified OBOComponent 1618

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19279, name=renal medulla,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28349, name=inner medulla,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28352, name=loop of Henle,
inner medullary portion, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28358, name=bend of loop of
Henle inner medullary portion,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19279, name=renal medulla,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19280, name=Loop of Henle
group, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
```

| Modified OBOComponent 1618 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:28352, name=loop of Henle, inner medullary portion, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28358, name=bend of loop of Henle inner medullary portion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:28358 has name [bend] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:28358 has synonyms [U-turn] | | |

| Modified OBOComponent 1619 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:17910 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17906[lower jaw] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17906, name=lower jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17910, name=lower jaw skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17910 has name [skeleton] | | |

| Modified OBOComponent 1620 | | | |
|----------------------------|-------------|------|-----------|
| ID | EMAPA:17912 | Name | Starts At |

| Modified OBOComponent 1620 | | | |
|----------------------------|---|-------------|-----------------|
| TS21 | Ends At | TS21 | Primary Parents |
| EMAPA:18290[mandible] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17906, name=lower jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17910, name=lower jaw skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18290, name=mandible, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17912, name=mandible mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS21, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17912 has name [mesenchyme] | | |

| Modified OBOComponent 1621 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18042 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:16748[tail] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 1621 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18042, name=tail skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18042 has name [skeleton] | | |

| Modified OBOComponent 1622 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17916 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17906[lower jaw] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17906, name=lower jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17916, name=lower jaw mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17916 has name [mesenchyme] | | |

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| Modified OBOComponent 1623 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18043 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:18042[tail skeleton] EMAPA:17214[axial skeleton] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18043, name=axial skeleton tail region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18042, name=tail skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:18043, name=axial skeleton tail region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]]</p> <p>3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED,</p> | | |

| Modified OBOComponent 1623 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18043, name=axial skeleton tail region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18043 has name [axial skeleton] 2. Different Parents - Referenced OBOComponent EMAPA:18043 has parents [EMAPA:18042, EMAPA:17214] | | |

| Modified OBOComponent 1624 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:17917 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17906[lower jaw] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17906, name=lower jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17917, name=lower jaw tooth, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17917 has name [tooth] | | |

| Modified OBOComponent 1625 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18044 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:18043[axial skeleton tail region] TH:00030[vertebral cartilage condensation] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00030, name=vertebral cartilage condensation, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18044, name=tail vertebral cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18043, name=axial skeleton tail region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD,</p> | | |

Modified OBOComponent 1625

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namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18044, name=tail vertebral
cartilage condensation, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
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3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18042, name=tail skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18043, name=axial skeleton
tail region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18044, name=tail vertebral
cartilage condensation, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00030, name=vertebral
cartilage condensation, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18044, name=tail vertebral
cartilage condensation, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
```

| Modified OBOComponent 1625 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18043, name=axial skeleton tail region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:18044, name=tail vertebral cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18044 has name [vertebral cartilage condensation] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:18044 has parents [EMAPA:18043, TH:00030] | | |

| Modified OBOComponent 1626 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:27347 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18932[jejunum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18932, name=jejunum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27347, name=jejunum mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| | | | |

| Modified OBOComponent 1626 | |
|----------------------------|---|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27347 has name [mucosa] |

| Modified OBOComponent 1627 | | | |
|------------------------------|--|-------------|-----------------|
| ID | EMAPA:17918 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17917[lower jaw tooth] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17906, name=lower jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17917, name=lower jaw tooth, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17918, name=lower jaw incisor, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17918 has name [incisor] | | |

| Modified OBOComponent 1628 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18045 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:18043[axial skeleton tail region] TH:00031[vertebral pre-cartilage condensation] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

Modified OBOComponent 1628

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00031, name=vertebral pre-
cartilage condensation, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18045, name=tail vertebral
pre-cartilage condensation, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18043, name=axial skeleton
tail region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18045, name=tail vertebral
pre-cartilage condensation, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
```

Modified OBOComponent 1628

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18042, name=tail skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18043, name=axial skeleton
tail region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18045, name=tail vertebral
pre-cartilage condensation, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00031, name=vertebral pre-
cartilage condensation, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18045, name=tail vertebral
pre-cartilage condensation, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18043, name=axial skeleton
tail region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
```


| Modified OBOComponent 1628 | | | |
|----------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:18045, name=tail vertebral pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18045 has name [vertebral pre-cartilage condensation] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:18045 has parents [EMAPA:18043, TH:00031] | | |

| Modified OBOComponent 1629 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:26720 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:17529[vibrissa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17525, name=skin, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17529, name=vibrissa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:26720, name=vibrissa follicle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26720 has name [follicle] | | |
| | 2. Different Start Stage - Referenced OBOComponent EMAPA:26720 has Start Stage TS24 | | |

| Modified OBOComponent 1630 | | | |
|--------------------------------|-------------|------|-----------------|
| ID | EMAPA:17919 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17918[lower jaw incisor] | | | Group Parents |
| | | | Synonyms |
| | | | |

| Modified OBOComponent 1630 | | | |
|----------------------------|---|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17906, name=lower jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17917, name=lower jaw tooth, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17918, name=lower jaw incisor, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17919, name=lower jaw incisor epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17919 has name [epithelium] | | |

| Modified OBOComponent 1631 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:18046 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17701[diaphragm] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1631 | | | |
|----------------------------|---|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17701, name=diaphragm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18046, name=diaphragm dome, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18046 has name [dome] | | |

| Modified OBOComponent 1632 | | | |
|-----------------------------------|---|-------------|-----------------|
| ID | EMAPA:18047 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:16137[peritoneal component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16137, name=peritoneal component, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:18047, name=peritoneal component left hepatic recess, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18047 has name [left hepatic recess] | | |

| Modified OBOComponent 1633 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:18048 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:16889[omental bursa] | | | Group Parents |

| Modified OBOComponent 1633 | | | |
|----------------------------|--|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16137, name=peritoneal component, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16889, name=omental bursa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0], OBOComponent [id=EMAPA:18048, name=omental bursa inferior recess, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18048 has name [inferior recess] | | |

| Modified OBOComponent 1634 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:18049 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:16889[omental bursa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16137, name=peritoneal component, statusChange=UNCHANGED, | | |

| Modified OBOComponent 1634 | | | |
|----------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16889, name=omental bursa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0], OBOComponent [id=EMAPA:18049, name=omental bursa superior recess, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18049 has name [superior recess] | | |

| Modified OBOComponent 1635 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:26724 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17529[vibrissa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17525, name=skin, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17529, name=vibrissa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:26724, name=vibrissa root sheath, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26724 has name [root sheath] | | |

| Modified OBOComponent 1636 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:27351 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18932[jejenum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [| | |

| Modified OBOComponent 1636 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18932, name=jejunum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27351, name=jejunum submucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27351 has name [submucosa] | | |

| Modified OBOComponent 1637 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:27355 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18932[jejunum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1637 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18932, name=jejunum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27355, name=jejunum muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27355 has name [muscularis] | | |

| Modified OBOComponent 1638 | | | |
|---------------------------------------|---|-------------|-----------------|
| ID | EMAPA:17151 | Name | Starts At |
| TS18 | Ends At | TS19 | Primary Parents |
| EMAPA:16532[neural tube lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16525, name=future spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16530, name=neural tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16532, name=neural tube lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:17151, name=neural tube marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17151 has name [marginal layer] | | |

| Modified OBOComponent 1639 | | | |
|----------------------------|-------------|------|-----------|
| ID | EMAPA:17150 | Name | Starts At |
| | | | |

| Modified OBOComponent 1639 | | | |
|---------------------------------------|--|-------------|-----------------|
| TS18 | Ends At | TS19 | Primary Parents |
| EMAPA:17148[neural tube mantle layer] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16525, name=future spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16530, name=neural tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16532, name=neural tube lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:17148, name=neural tube mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17150, name=neural tube basal columns, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17150 has name [basal columns] | | |

| Modified OBOComponent 1640 | | | |
|---|---|------|-----------------|
| ID | EMAPA:28364 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:28518[renal interstitium group] EMAPA:28349[inner medulla] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 1640

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group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28518, name=renal
interstitium group, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28364, name=inner medullary
interstitium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

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2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28518, name=renal
interstitium group, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28364, name=inner medullary
interstitium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
```

| Modified OBOComponent 1640 | | | |
|----------------------------|---|---|---------|
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:19279, name=renal medulla, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28349, name=inner medulla, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28364, name=inner medullary interstitium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:28364 has synonyms [papillary interstitium] | | |

| Modified OBOComponent 1641 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17153 | Name | Starts At |
| TS18 | Ends At | TS26 | Primary Parents |
| EMAPA:16795[glossopharyngeal IX ganglion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16795, name=glossopharyngeal IX ganglion, | | |

| Modified OBOComponent 1641 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:17153, name=inferior glossopharyngeal IX ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00269, name=ganglion, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16795, name=glossopharyngeal IX ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:17153, name=inferior glossopharyngeal IX ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17153 has name [inferior] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17153 has synonyms [petrosal ganglion] | | |

| Modified OBOComponent 1642 | | | |
|---------------------------------------|---|------|-----------------|
| ID | EMAPA:17152 | Name | Starts At |
| TS18 | Ends At | TS19 | Primary Parents |
| EMAPA:16532[neural tube lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1642 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16525, name=future spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16530, name=neural tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16532, name=neural tube lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:17152, name=neural tube ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17152 has name [ventricular layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17152 has synonyms [ependymal] | | |

| Modified OBOComponent 1643 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:17155 | Name | Starts At |
| TS18 | Ends At | TS26 | Primary Parents |
| EMAPA:16798[vagus X ganglion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous | | |

| Modified OBOComponent 1643 | | | |
|----------------------------|---|-------------|---------|
| | system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16798, name=vagus X ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:17155, name=inferior vagus X ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00269, name=ganglion, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16798, name=vagus X ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:17155, name=inferior vagus X ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17155 has name [inferior] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17155 has synonyms [nodose ganglion] | | |

| Modified OBOComponent 1644 | | | |
|---|-------------|------|-----------------|
| ID | EMAPA:28361 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:28352[loop of Henle, inner medullary portion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| | | | |

Modified OBOComponent 1644*Alternate Paths*

```
1. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19280, name=Loop of Henle
group, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28352, name=loop of Henle,
inner medullary portion, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28361, name=thin ascending
limb, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19279, name=renal medulla,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19280, name=Loop of Henle
group, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28352, name=loop of Henle,
inner medullary portion, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28361, name=thin ascending
```

Modified OBOComponent 1644

limb, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]]

3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28491, name=mature nephron, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:19280, name=Loop of Henle group, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28352, name=loop of Henle, inner medullary portion, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28361, name=thin ascending limb, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]]

4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:19279, name=renal medulla, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,

| Modified OBOComponent 1644 | | | |
|----------------------------|--|--|---------|
| | | group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28349, name=inner medulla, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28352, name=loop of Henle, inner medullary portion, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28361, name=thin ascending limb, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | |
| | | 5. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:19279, name=renal medulla, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:19280, name=Loop of Henle group, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28352, name=loop of Henle, inner medullary portion, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28361, name=thin ascending limb, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:28361 has synonyms [ascending thin limb] | | |

| Modified OBOComponent 1645 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17154 | Name | Starts At |
| TS18 | Ends At | TS26 | Primary Parents |
| EMAPA:16795[glossopharyngeal IX ganglion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

Modified OBOComponent 1645

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16658, name=central nervous
system ganglion, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16659, name=cranial
ganglion, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16795,
name=glossopharyngeal IX ganglion,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17154, name=superior
glossopharyngeal IX ganglion, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00269, name=ganglion,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16658, name=central nervous
system ganglion, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16659, name=cranial
ganglion, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16795,
name=glossopharyngeal IX ganglion,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17154, name=superior
```

| Modified OBOComponent 1645 | | | |
|----------------------------|---|-------------|---------|
| | glossopharyngeal IX ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17154 has name [superior] | | |

| Modified OBOComponent 1646 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17157 | Name | Starts At |
| TS18 | Ends At | TS26 | Primary Parents |
| EMAPA:18221[autonomic ganglion] EMAPA:16985[sympathetic nervous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16984, name=autonomic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16985, name=sympathetic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17157, name=sympathetic ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system,</p> | | |

| Modified OBOComponent 1646 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16984, name=autonomic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18221, name=autonomic ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17157, name=sympathetic ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17157 has name [ganglion] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17157 has parents [EMAPA:18221, EMAPA:16985] | | |

| Modified OBOComponent 1647 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:17156 | Name | Starts At |
| TS18 | Ends At | TS26 | Primary Parents |
| EMAPA:16798[vagus X ganglion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16798, name=vagus X ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:17156, name=superior vagus | | |

| Modified OBOComponent 1647 | | | |
|----------------------------|---|-------------|---------|
| | X ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00269, name=ganglion, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16798, name=vagus X ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:17156, name=superior vagus X ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17156 has name [superior] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17156 has synonyms [gasserian ganglion] | | |

| Modified OBOComponent 1648 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17159 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:16989[spinal nerve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 1648 | | | |
|----------------------------|---|--|---------|
| | | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00270, name=nerve, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16989, name=spinal nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17159, name=accessory XI nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0] | |
| | | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16666, name=spinal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16989, name=spinal nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17159, name=accessory XI nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17159 has name [accessory XI] | | |

| Modified OBOComponent 1649 | | | |
|-----------------------------------|---|------|-----------------|
| ID | EMAPA:17158 | Name | Starts At |
| TS18 | Ends At | TS26 | Primary Parents |
| EMAPA:17157[sympathetic ganglion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

Modified OBOComponent 1649

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16665, name=peripheral
nervous system, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16984, name=autonomic
nervous system, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16985, name=sympathetic
nervous system, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17157, name=sympathetic
ganglion, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17158, name=thoracic
ganglion, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16665, name=peripheral
nervous system, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16984, name=autonomic
nervous system, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18221, name=autonomic
ganglion, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17157, name=sympathetic
ganglion, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17158, name=thoracic
ganglion, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS26, present=0 ]]
```

| Modified OBOComponent 1649 | | | |
|----------------------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17158 has name [thoracic] | | |

| Modified OBOComponent 1650 | | | |
|------------------------------|---|-------------|-----------------|
| ID | EMAPA:17921 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17917[lower jaw tooth] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17906, name=lower jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17917, name=lower jaw tooth, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17921, name=lower jaw molar, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17921 has name [molar] | | |

| Modified OBOComponent 1651 | | | |
|------------------------------|-------------|------|-----------------|
| ID | EMAPA:17922 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17921[lower jaw molar] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [| | |

| Modified OBOComponent 1651 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17906, name=lower jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17917, name=lower jaw tooth, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17921, name=lower jaw molar, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17922, name=lower jaw molar epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17922 has name [epithelium] | | |

| Modified OBOComponent 1652 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:28349 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:19279[renal medulla] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1652 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:19279, name=renal medulla, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28349, name=inner medulla, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:28349 has synonyms [papilla] | | |

| Modified OBOComponent 1653 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17138 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17136[rhombomere 07 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17134, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17136, name=rhombomere 07 | | |

| Modified OBOComponent 1653 | | | |
|----------------------------|--|-------------|---------|
| | lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17138, name=rhombomere 07 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17134, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17136, name=rhombomere 07 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17138, name=rhombomere 07 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17138 has name [marginal layer] | | |

| Modified OBOComponent 1654 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17139 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17136[rhombomere 07 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 1654

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17082, name=myelencephalon,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:17134, name=rhombomere 07,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17136, name=rhombomere 07
lateral wall, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17139, name=rhombomere 07
ventricular layer, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00281, name=rhombomere,
```

| Modified OBOComponent 1654 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17134, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17136, name=rhombomere 07 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17139, name=rhombomere 07 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17139 has name [ventricular layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17139 has synonyms [ependymal layer] | | |

| Modified OBOComponent 1655 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:17920 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17918[lower jaw incisor] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17906, name=lower jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17917, name=lower jaw tooth, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17918, name=lower jaw incisor, statusChange=CHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1655 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17920, name=lower jaw incisor mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17920 has name [mesenchyme] | | |

| Modified OBOComponent 1656 | | | |
|--------------------------------------|--|------|-----------------|
| ID | EMAPA:17925 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17924[upper jaw] TH:00260[lip] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17925, name=upper lip, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED,</p> | | |

| Modified OBOComponent 1656 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00260, name=lip, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17925, name=upper lip, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17925 has name [lip] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17925 has parents [EMAPA:17924, TH:00260] | | |

| Modified OBOComponent 1657 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:18030 | Name | Starts At |
| TS21 | Ends At | TS22 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:18030, name=somite 53, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS22, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 1657

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18030, name=somite 53,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18030, name=somite 53,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
```

Modified OBOComponent 1657

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18030, name=somite 53,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS22, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18030, name=somite 53,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS22, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18030, name=somite 53,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS22, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
```

Modified OBOComponent 1657

| | | | |
|---|--|-------------|---------|
| OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:18030, name=somite 53, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS22, present=0] | | | |
| 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:18030, name=somite 53, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS22, present=0] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:18030 has parents [EMAPA:16860, EMAPA:31169] | | |

Modified OBOComponent 1658

| | | | |
|------------------------------|-------------|------|-----------------|
| ID | EMAPA:17923 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17921[lower jaw molar] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

| Modified OBOComponent 1658 | | | |
|----------------------------|---|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17906, name=lower jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17917, name=lower jaw tooth, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17921, name=lower jaw molar, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17923, name=lower jaw molar mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17923 has name [mesenchyme] | | |

| Modified OBOComponent 1659 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17924 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| TH:00204[jaw] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, | | |

| Modified OBOComponent 1659 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17924 has parents [EMAPA:16262] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17924 has parents [TH:00204] | | |

| Modified OBOComponent 1660 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17929 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17924[upper jaw] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17929, name=upper jaw | | |

| Modified OBOComponent 1660 | | | |
|----------------------------|---|-------------|---------|
| | mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17929 has name [mesenchyme] | | |

| Modified OBOComponent 1661 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:18034 | Name | Starts At |
| TS21 | Ends At | TS22 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0],</p> <p>OBOComponent [id=EMAPA:18034, name=somite 54, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS22, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0],</p> <p>OBOComponent [id=EMAPA:18034, name=somite 54, statusChange=CHANGED, statusRule=PASSED, dbID=TBD,</p> | | |

Modified OBOComponent 1661

```
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18034, name=somite 54,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18034, name=somite 54,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS22, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
```

Modified OBOComponent 1661

```
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18034, name=somite 54,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS22, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18034, name=somite 54,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS22, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18034, name=somite 54,
```

| Modified OBOComponent 1661 | | | |
|----------------------------|--|--|---------|
| | | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS22, present=0]] | |
| | | 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:18034, name=somite 54, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS22, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:18034 has parents [EMAPA:16860, EMAPA:31169] | | |

| Modified OBOComponent 1662 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17927 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17924[upper jaw] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1662 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17927, name=upper jaw skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17927 has name [skeleton] | | |

| Modified OBOComponent 1663 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:18038 | Name | Starts At |
| TS21 | Ends At | TS22 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:18038, name=somite 55, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS22, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, | | |

Modified OBOComponent 1663

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18038, name=somite 55,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18038, name=somite 55,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18038, name=somite 55,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS22, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
```

Modified OBOComponent 1663

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18038, name=somite 55,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS22, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=meseenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18038, name=somite 55,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS22, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=meseenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
```


| Modified OBOComponent 1663 | | | |
|----------------------------|--|--|---------|
| | | OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:18038, name=somite 55, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS22, present=0]] | |
| | | 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:18038, name=somite 55, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS22, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:18038 has parents [EMAPA:16860, EMAPA:31169] | | |

| Modified OBOComponent 1664 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:27339 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27319[rectum mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1664 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18925, name=rectum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27319, name=rectum mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27339, name=rectum lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27339 has name [lamina propria] | | |

| Modified OBOComponent 1665 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17140 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17134[rhombomere 07] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, | | |

| Modified OBOComponent 1665 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17134, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17140, name=rhombomere 07 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17134, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17140, name=rhombomere 07 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17140 has name [roof plate] | | |

| Modified OBOComponent 1666 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:27343 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27319[rectum mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

| Modified OBOComponent 1666 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18925, name=rectum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27319, name=rectum mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27343, name=rectum muscularis mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27343 has name [muscularis mucosa] | | |

| Modified OBOComponent 1667 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17144 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17143[rhombomere 08 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, | | |

Modified OBOComponent 1667

| | |
|-------------|--|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17141, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17143, name=rhombomere 08 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17144, name=rhombomere 08 mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17141, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17143, name=rhombomere 08 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17144, name=rhombomere 08 mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] |
| Rule Status | PASSED Edit Status CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17144 has name [mantle layer] |

| Modified OBOComponent 1668 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17143 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17141[rhombomere 08] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0],</p> <p>OBOComponent [id=EMAPA:17141, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17143, name=rhombomere 08 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain,</p> | | |

| Modified OBOComponent 1668 | | | |
|----------------------------|--|---|---------|
| | | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17141, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17143, name=rhombomere 08 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17143 has name [lateral wall] | | |

| Modified OBOComponent 1669 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17142 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17141[rhombomere 08] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17141, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17142, name=rhombomere 08 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 1669 | | | |
|----------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17141, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17142, name=rhombomere 08 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17142 has name [floor plate] | | |

| Modified OBOComponent 1670 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17141 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17082[myelencephalon] TH:00281[rhombomere] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1670 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17141, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17141, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17141 has parents [EMAPA:17082, TH:00281] | | |

| Modified OBOComponent 1671 | | | |
|---------------------------------------|-------------|------|-----------------|
| ID | EMAPA:17148 | Name | Starts At |
| TS18 | Ends At | TS19 | Primary Parents |
| EMAPA:16532[neural tube lateral wall] | | | Group Parents |

| Modified OBOComponent 1671 | | | |
|----------------------------|--|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16525, name=future spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16530, name=neural tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16532, name=neural tube lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:17148, name=neural tube mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17148 has name [mantle layer] | | |

| Modified OBOComponent 1672 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17147 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17141[rhombomere 08] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], | | |

Modified OBOComponent 1672

| | |
|-------------|--|
| | <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0],</p> <p>OBOComponent [id=EMAPA:17141, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17147, name=rhombomere 08 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17141, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17147, name=rhombomere 08 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]]</p> |
| Rule Status | <div>PASSED</div> <div>Edit Status</div> <div>CHANGED</div> |
| Comments | <p>1. Different Name - Referenced OBOComponent EMAPA:17147 has name [roof plate]</p> |

| Modified OBOComponent 1673 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17146 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17143[rhombomere 08 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0],</p> <p>OBOComponent [id=EMAPA:17141, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17143, name=rhombomere 08 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17146, name=rhombomere 08 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> | | |

| Modified OBOComponent 1673 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17141, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17143, name=rhombomere 08 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17146, name=rhombomere 08 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17146 has name [ventricular layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17146 has synonyms [ependymal layer] | | |

| Modified OBOComponent 1674 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17145 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17143[rhombomere 08 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, | | |

Modified OBOComponent 1674

| | |
|-------------|---|
| | <p>statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0],</p> <p>OBOComponent [id=EMAPA:17141, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17143, name=rhombomere 08 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17145, name=rhombomere 08 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17141, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17143, name=rhombomere 08 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17145, name=rhombomere 08 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]]</p> |
| Rule Status | PASSED Edit Status CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17145 has name [marginal layer] |

Modified OBOComponent 1675

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| Modified OBOComponent 1675 | | | |
|-------------------------------|--|-------------|-----------------|
| ID | EMAPA:17975 | Name | Starts At |
| TS20 | Ends At | TS22 | Primary Parents |
| EMAPA:29098[primary sex cord] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:17972, name=testis, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:29098, name=primary sex cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0], OBOComponent [id=EMAPA:17975, name=germ cell of testis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17975 has name [germ cell of the testis] | | |

| Modified OBOComponent 1676 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17178 | Name | Starts At |
| TS18 | Ends At | TS23 | Primary Parents |
| EMAPA:16548[foregut] EMAPA:18852[duodenum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 1676 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17178, name=foregut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17178, name=foregut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17178 has name [duodenum] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17178 has parents [EMAPA:16548, EMAPA:18852] | | |

| Modified OBOComponent 1677 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:17981 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17661[right lung] | | | Group Parents |
| | | | Synonyms |
| | | | |

| Modified OBOComponent 1677 | | | |
|----------------------------|---|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17981, name=right lung accessory lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17981 has name [accessory lobe] | | |

| Modified OBOComponent 1678 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:17179 | Name | Starts At |
| TS18 | Ends At | TS23 | Primary Parents |
| EMAPA:17178[foregut duodenum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1678 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17178, name=foregut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17179, name=duodenum rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17178, name=foregut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17179, name=duodenum rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17179 has name [rostral part] | | |

| Modified OBOComponent 1679 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17982 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17981[right lung accessory lobe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 1679 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17981, name=right lung accessory lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17982, name=right lung accessory lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17982 has name [lobar bronchus] | | |

| Modified OBOComponent 1680 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17983 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17982[right lung accessory lobe lobar bronchus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1680 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17981, name=right lung accessory lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17982, name=right lung accessory lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17983, name=right lung accessory lobe lobar bronchus associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17983 has name [associated mesenchyme] | | |

| Modified OBOComponent 1681 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17984 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17982[right lung accessory lobe lobar bronchus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17981, name=right lung accessory lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 1681 | | | |
|----------------------------|---|-------------|---------|
| | start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17982, name=right lung accessory lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17984, name=right lung accessory lobe lobar bronchus epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17984 has name [epithelium] | | |

| Modified OBOComponent 1682 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:17176 | Name | Starts At |
| TS18 | Ends At | TS23 | Primary Parents |
| EMAPA:17174[pericardium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17174, name=pericardium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17176, name=visceral pericardium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17176 has synonyms [epicardium] | | |

| Modified OBOComponent 1683 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:17980 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17653[left lung] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [| | |

| Modified OBOComponent 1683 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17653, name=left lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17980, name=left lung hilus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17980 has name [hilus] | | |

| Modified OBOComponent 1684 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17170 | Name | Starts At |
| TS18 | Ends At | TS26 | Primary Parents |
| EMAPA:17168[retina] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17168, name=retina, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1684 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17170, name=intraretinal space, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17170 has synonyms [intra- retinal space] | | |

| Modified OBOComponent 1685 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17172 | Name | Starts At |
| TS18 | Ends At | TS26 | Primary Parents |
| EMAPA:17168[retinal] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17168, name=retina, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17172, name=pigmented retinal epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17172 has synonyms [retinal pigmented epithelium] | | |

| Modified OBOComponent 1686 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:27375 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18939[colon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

| Modified OBOComponent 1686 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18939, name=colon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27375, name=colon mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27375 has name [mucosa] | | |

| Modified OBOComponent 1687 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17173 | Name | Starts At |
| TS18 | Ends At | TS22 | Primary Parents |
| EMAPA:17013[septum primum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17011, name=interatrial septum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1687 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17013, name=septum primum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17173, name=foramen primum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17173 has synonyms [ostium primum] | | |

| Modified OBOComponent 1688 | | | |
|-----------------------------|---|-------------|-----------------|
| ID | EMAPA:27371 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27347[jejenum mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18932, name=jejenum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27347, name=jejenum mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27371, name=jejenum muscularis mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27371 has name [muscularis mucosa] | | |

| Modified OBOComponent 1689 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:27359 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |

| Modified OBOComponent 1689 | | | |
|----------------------------|--|---------------|---------|
| EMAPA:18932[jejunum] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18932, name=jejunum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27359, name=jejunum serosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27359 has name [serosa] | | |

| Modified OBOComponent 1690 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17989 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17987[right lung caudal lobe lobar bronchus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory | | |

| Modified OBOComponent 1690 | | | |
|----------------------------|--|-------------|---------|
| | system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17986, name=right lung caudal lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17987, name=right lung caudal lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17989, name=right lung caudal lobe lobar bronchus epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17989 has name [epithelium] | | |

| Modified OBOComponent 1691 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17988 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17987[right lung caudal lobe lobar bronchus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17986, name=right lung caudal lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], | | |

| Modified OBOComponent 1691 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:17987, name=right lung caudal lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17988, name=right lung caudal lobe lobar bronchus associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17988 has name [associated mesenchyme] | | |

| Modified OBOComponent 1692 | | | |
|-------------------------------------|---|-------------|-----------------|
| ID | EMAPA:17987 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17986[right lung caudal lobe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17986, name=right lung caudal lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17987, name=right lung caudal lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17987 has name [lobar bronchus] | | |

| Modified OBOComponent 1693 | | | |
|----------------------------|-------------|------|-----------|
| ID | EMAPA:17986 | Name | Starts At |
| | | | |

| Modified OBOComponent 1693 | | | |
|----------------------------|--|-------------|-----------------|
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17661[right lung] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17986, name=right lung caudal lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17986 has name [caudal lobe] | | |

| Modified OBOComponent 1694 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17985 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17982[right lung accessory lobe lobar bronchus] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, | | |

| Modified OBOComponent 1694 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17981, name=right lung accessory lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17982, name=right lung accessory lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17985, name=right lung accessory lobe lobar bronchus vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17985 has name [vascular element] | | |

| Modified OBOComponent 1695 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17994 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17992[right lung cranial lobe lobar bronchus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17991, name=right lung | | |

| Modified OBOComponent 1695 | | | |
|----------------------------|--|-------------|---------|
| | cranial lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17992, name=right lung cranial lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17994, name=right lung cranial lobe lobar bronchus epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17994 has name [epithelium] | | |

| Modified OBOComponent 1696 | | | |
|---|--|-------------|-----------------|
| ID | EMAPA:17995 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17992[right lung cranial lobe lobar bronchus] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17991, name=right lung cranial lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17992, name=right lung cranial lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17995, name=right lung cranial lobe lobar bronchus vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 1696 | |
|----------------------------|---|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17995 has name [vascular element] |

| Modified OBOComponent 1697 | | | |
|--------------------------------------|--|-------------|-----------------|
| ID | EMAPA:17992 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17991[right lung cranial lobe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17991, name=right lung cranial lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17992, name=right lung cranial lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17992 has name [lobar bronchus] | | |

| Modified OBOComponent 1698 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17993 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17992[right lung cranial lobe lobar bronchus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

| Modified OBOComponent 1698 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17991, name=right lung cranial lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17992, name=right lung cranial lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17993, name=right lung cranial lobe lobar bronchus associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17993 has name [associated mesenchyme] | | |

| Modified OBOComponent 1699 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17165 | Name | Starts At |
| TS18 | Ends At | TS20 | Primary Parents |
| EMAPA:17163[lens vesicle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], | | |

| Modified OBOComponent 1699 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17163, name=lens vesicle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0], OBOComponent [id=EMAPA:17165, name=lens vesicle epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:17165 has End Stage TS18 | | |
| | 2. Different Name - Referenced OBOComponent EMAPA:17165 has name [epithelium] | | |

| Modified OBOComponent 1700 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17990 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17987[right lung caudal lobe lobar bronchus] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17986, name=right lung caudal lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17987, name=right lung caudal lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17990, name=right lung caudal lobe lobar bronchus vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |

| Modified OBOComponent 1700 | | | |
|----------------------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17990 has name [vascular element] | | |

| Modified OBOComponent 1701 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:17166 | Name | Starts At |
| TS18 | Ends At | TS22 | Primary Parents |
| EMAPA:16678[optic stalk] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16678, name=optic stalk, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17166, name=optic fissure, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17166 has name [fissure] | | |

| Modified OBOComponent 1702 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17991 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17661[right lung] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 1702 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17991, name=right lung cranial lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17991 has name [cranial lobe] | | |

| Modified OBOComponent 1703 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17164 | Name | Starts At |
| TS18 | Ends At | TS20 | Primary Parents |
| EMAPA:17163[lens vesicle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17163, name=lens vesicle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0], OBOComponent [id=EMAPA:17164, name=lens vesicle cavity, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17164 has name [cavity] | | |

| Modified OBOComponent 1704 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17162 | Name | Starts At |
| TS18 | Ends At | TS26 | Primary Parents |
| EMAPA:17161[cornea] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17161, name=cornea, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17162, name=cornea epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17162 has name [epithelium] | | |

| Modified OBOComponent 1705 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:27367 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27347[jejenum mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1705 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18932, name=jejunum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27347, name=jejunum mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27367, name=jejunum lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27367 has name [lamina propria] | | |

| Modified OBOComponent 1706 | | | |
|---------------------------------|---|------|-----------------|
| ID | EMAPA:17160 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17159[accessory XI nerve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00270, name=nerve, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16989, name=spinal nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17159, name=accessory XI nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17160, name=accessory XI nerve spinal component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1706 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16666, name=spinal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16989, name=spinal nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17159, name=accessory XI nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17160, name=accessory XI nerve spinal component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17160 has name [spinal component] | | |

| Modified OBOComponent 1707 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:25100 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:18290[mandible] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], | | |

| Modified OBOComponent 1707 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17906, name=lower jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17910, name=lower jaw skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18290, name=mandible, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:25100, name=mandible ramus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25100 has name [ramus] | | |

| Modified OBOComponent 1708 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:25128 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:25125[scapula angle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18025, name=pectoral girdle and thoracic body wall skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18722, name=scapula, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:25125, name=scapula angle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:25128, name=scapula inferior angle, statusChange=CHANGED, | | |

| Modified OBOComponent 1708 | | | |
|----------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18025, name=pectoral girdle and thoracic body wall skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18722, name=scapula, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:25125, name=scapula angle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:25128, name=scapula inferior angle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25128 has name [inferior] | | |

| Modified OBOComponent 1709 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18000 | Name | Starts At |
| TS21 | Ends At | TS23 | Primary Parents |
| EMAPA:17998[right lung middle lobe lobar bronchus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], | | |

| Modified OBOComponent 1709 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17997, name=right lung middle lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17998, name=right lung middle lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18000, name=right lung middle lobe lobar bronchus epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18000 has name [epithelium] | | |

| Modified OBOComponent 1710 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:25129 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:25125[scapula angle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18025, name=pectoral girdle and thoracic body wall skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18722, name=scapula, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:25125, name=scapula angle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:25129, name=scapula superior angle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 1710 | | | |
|----------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18025, name=pectoral girdle and thoracic body wall skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18722, name=scapula, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:25125, name=scapula angle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:25129, name=scapula superior angle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25129 has name [superior] | | |

| Modified OBOComponent 1711 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18001 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17998[right lung middle lobe lobar bronchus] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, | | |

| Modified OBOComponent 1711 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17997, name=right lung middle lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17998, name=right lung middle lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18001, name=right lung middle lobe lobar bronchus vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18001 has name [vascular element] | | |

| Modified OBOComponent 1712 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:25124 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:18722[scapula] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18025, name=pectoral girdle and thoracic body wall skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18722, name=scapula, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:25124, name=scapula border, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 1712 | | | |
|---|---|-------------|---------|
| dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18025, name=pectoral girdle and thoracic body wall skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18722, name=scapula, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:25124, name=scapula border, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25124 has name [border] | | |

| Modified OBOComponent 1713 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:25125 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:18722[scapula] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18025, name=pectoral girdle and thoracic body wall skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18722, name=scapula, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:25125, name=scapula angle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 1713 | | | |
|----------------------------|---|-------------|---------|
| | start=TS26, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18025, name=pectoral girdle and thoracic body wall skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18722, name=scapula, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:25125, name=scapula angle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25125 has name [angle] | | |

| Modified OBOComponent 1714 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:25126 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:25124[scapula border] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18025, name=pectoral girdle and thoracic body wall skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18722, name=scapula, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1714 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:25124, name=scapula border, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:25126, name=scapula lateral border, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18025, name=pectoral girdle and thoracic body wall skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18722, name=scapula, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:25124, name=scapula border, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:25126, name=scapula lateral border, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25126 has name [lateral] | | |

| Modified OBOComponent 1715 | | | |
|-----------------------------|---|------|-----------------|
| ID | EMAPA:25127 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:25124[scapula border] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, | | |

| Modified OBOComponent 1715 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18025, name=pectoral girdle and thoracic body wall skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18722, name=scapula, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:25124, name=scapula border, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:25127, name=scapula medial border, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18025, name=pectoral girdle and thoracic body wall skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18722, name=scapula, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:25124, name=scapula border, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:25127, name=scapula medial border, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25127 has name [medial] | | |

| Modified OBOComponent 1716 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17953 | Name | Starts At |
| TS21 | Ends At | TS28 | Primary Parents |
| EMAPA:28518[renal interstitium group] EMAPA:27721[nephrogenic zone] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

Modified OBOComponent 1716

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28518, name=renal
interstitium group, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17953, name=nephrogenic
interstitium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS28, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:27721, name=nephrogenic
zone, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17953, name=nephrogenic
interstitium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS28, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
```

| Modified OBOComponent 1716 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28518, name=renal interstitium group, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS21, end=TS28, present=0], OBOComponent [id=EMAPA:17953, name=nephrogenic interstitium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS28, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17953 has synonyms [peripheral blastema] | | |

| Modified OBOComponent 1717 | | | |
|------------------------------|--|-------------|-----------------|
| ID | EMAPA:17956 | Name | Starts At |
| TS23 | Ends At | TS27 | Primary Parents |
| EMAPA:18692[urethra of male] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:18692, name=urethra of male, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS28, present=0], OBOComponent [id=EMAPA:17956, name=phallic urethra of male, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS27, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17956 has synonyms [external | | |

Modified OBOComponent 1717

urethra of male]

Modified OBOComponent 1718

| | | | |
|-----------------------------------|-------------|------|-----------------|
| ID | EMAPA:17196 | Name | Starts At |
| TS18 | Ends At | TS22 | Primary Parents |
| EMAPA:17194[duodenum caudal part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

Alternate Paths

```
1. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16255, name=midgut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17193, name=midgut
duodenum, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17194, name=duodenum caudal
part, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17196, name=duodenum caudal
part epithelium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS22, present=0 ]]

2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
```

| Modified OBOComponent 1718 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17193, name=midgut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17194, name=duodenum caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17196, name=duodenum caudal part epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS22, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17196 has name [epithelium] | | |

| Modified OBOComponent 1719 | | | |
|-----------------------------------|--|------|-----------------|
| ID | EMAPA:17197 | Name | Starts At |
| TS18 | Ends At | TS23 | Primary Parents |
| EMAPA:17194[duodenum caudal part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17193, name=midgut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17194, name=duodenum caudal part, statusChange=CHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1719 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17197, name=duodenum caudal part mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17193, name=midgut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17194, name=duodenum caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17197, name=duodenum caudal part mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17197 has name [mesentery] | | |

| Modified OBOComponent 1720 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17198 | Name | Starts At |
| TS18 | Ends At | TS23 | Primary Parents |
| EMAPA:17197[duodenum caudal part mesentery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

Modified OBOComponent 1720

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16255, name=midgut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17193, name=midgut
duodenum, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17194, name=duodenum caudal
part, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17197, name=duodenum caudal
part mesentery, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17198, name=duodenum caudal
part mesoduodenum, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS23, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18852, name=duodenum,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17193, name=midgut
duodenum, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17194, name=duodenum caudal
part, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS23, present=0 ],
```


| Modified OBOComponent 1720 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:17197, name=duodenum caudal part mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17198, name=duodenum caudal part mesoduodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17198 has name [mesoduodenum] | | |

| Modified OBOComponent 1721 | | | |
|-----------------------------------|---|------|-----------------|
| ID | EMAPA:17199 | Name | Starts At |
| TS18 | Ends At | TS23 | Primary Parents |
| EMAPA:17194[duodenum caudal part] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17193, name=midgut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17194, name=duodenum caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17199, name=duodenum caudal part vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 1721 | | | |
|---|---|-------------|---------|
| dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17193, name=midgut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17194, name=duodenum caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17199, name=duodenum caudal part vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17199 has name [vascular element] | | |

| Modified OBOComponent 1722 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:27395 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27375[colon mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],] | | |

| Modified OBOComponent 1722 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18939, name=colon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27375, name=colon mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27395, name=colon lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27395 has name [lamina propria] | | |

| Modified OBOComponent 1723 | | | |
|---------------------------------------|--|------|-----------------|
| ID | EMAPA:17190 | Name | Starts At |
| TS18 | Ends At | TS20 | Primary Parents |
| EMAPA:17189[lateral lingual swelling] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:17185, name=tongue, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17186, name=lingual swelling, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0], OBOComponent [id=EMAPA:17189, name=lateral lingual swelling, statusChange=CHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1723 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0], OBOComponent [id=EMAPA:17190, name=lateral lingual swelling epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17190 has name [epithelium] | | |

| Modified OBOComponent 1724 | | | |
|---------------------------------------|---|-------------|-----------------|
| ID | EMAPA:17191 | Name | Starts At |
| TS18 | Ends At | TS20 | Primary Parents |
| EMAPA:17189[lateral lingual swelling] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:17185, name=tongue, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17186, name=lingual swelling, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0], OBOComponent [id=EMAPA:17189, name=lateral lingual swelling, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0], OBOComponent [id=EMAPA:17191, name=lateral lingual swelling mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 1724 | |
|----------------------------|---|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17191 has name [mesenchyme] |

| Modified OBOComponent 1725 | | | |
|--------------------------------------|--|-------------|-----------------|
| ID | EMAPA:17192 | Name | Starts At |
| TS18 | Ends At | TS20 | Primary Parents |
| EMAPA:17187[median lingual swelling] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:17185, name=tongue, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17186, name=lingual swelling, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0], OBOComponent [id=EMAPA:17187, name=median lingual swelling, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0], OBOComponent [id=EMAPA:17192, name=median lingual swelling mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17192 has name [mesenchyme] | | |

| Modified OBOComponent 1726 | | | |
|----------------------------|-------------|------|-----------|
| ID | EMAPA:27399 | Name | Starts At |
| | | | |

| Modified OBOComponent 1726 | | | |
|----------------------------|--|-------------|-----------------|
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27375[colon mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18939, name=colon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27375, name=colon mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27399, name=colon muscularis mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27399 has name [muscularis mucosa] | | |

| Modified OBOComponent 1727 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17193 | Name | Starts At |
| TS18 | Ends At | TS23 | Primary Parents |
| EMAPA:18852[duodenum] EMAPA:16255[midgut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1727 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:17193, name=midgut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17193, name=midgut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17193 has name [duodenum] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17193 has parents [EMAPA:18852, EMAPA:16255] | | |

| Modified OBOComponent 1728 | | | |
|------------------------------|-------------|------|-----------------|
| ID | EMAPA:17194 | Name | Starts At |
| TS18 | Ends At | TS23 | Primary Parents |
| EMAPA:17193[midgut duodenum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [| | |

Modified OBOComponent 1728

```
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16255, name=midgut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17193, name=midgut
duodenum, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17194, name=duodenum caudal
part, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS23, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18852, name=duodenum,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17193, name=midgut
duodenum, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17194, name=duodenum caudal
part, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS23, present=0 ]]
```

| Modified OBOComponent 1728 | | | |
|----------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17194 has name [caudal part] | | |

| Modified OBOComponent 1729 | | | |
|-----------------------------------|--|------|-----------------|
| ID | EMAPA:17195 | Name | Starts At |
| TS18 | Ends At | TS22 | Primary Parents |
| EMAPA:17194[duodenum caudal part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:17193, name=midgut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:17194, name=duodenum caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:17195, name=duodenum caudal part associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS22, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ,</p> | | |

| Modified OBOComponent 1729 | | | |
|----------------------------|--|---|---------|
| | | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17193, name=midgut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17194, name=duodenum caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17195, name=duodenum caudal part associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS22, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17195 has name [associated mesenchyme] | | |

| Modified OBOComponent 1730 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:27379 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18939[colon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18939, name=colon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27379, name=colon submucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1730 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS24, end=TS26, present=0 [] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27379 has name [submucosa] | | |

| Modified OBOComponent 1731 | | | |
|-----------------------------|---|------|-----------------|
| ID | EMAPA:25113 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:25112[occipital bone] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18016, name=vault of skull, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:25112, name=occipital bone, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:25113, name=occipital bone squamous part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> | | |

| Modified OBOComponent 1731 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18016, name=vault of skull, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:25112, name=occipital bone, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:25113, name=occipital bone squamous part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25113 has name [squamous part] | | |

| Modified OBOComponent 1732 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:25114 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:19018[ethmoid bone] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18022, name=viscerocranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19018, name=ethmoid bone, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:25114, name=ethmoid bone perpendicular plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 1732 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18022, name=viscerocranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19018, name=ethmoid bone, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:25114, name=ethmoid bone perpendicular plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25114 has name [perpendicular plate] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:25114 has synonyms [vomer] | | |

| Modified OBOComponent 1733 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17963 | Name | Starts At |
| TS20 | Ends At | TS28 | Primary Parents |
| EMAPA:17962[ovary] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:17962, name=ovary, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], | | |

| Modified OBOComponent 1733 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:17963, name=surface epithelium of ovary, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17963 has synonyms [coelomic epithelium] | | |

| Modified OBOComponent 1734 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17969 | Name | Starts At |
| TS20 | Ends At | TS24 | Primary Parents |
| EMAPA:30977[male external genitalia] EMAPA:17968[male reproductive system] EMAPA:28533[male associated reproductive structure] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28533, name=male associated reproductive structure, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS23, end=TS23, present=0],</p> <p>OBOComponent [id=EMAPA:17969, name=genital tubercle of male, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS24, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED,</p> | | |

Modified OBOComponent 1734

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17968, name=male
reproductive system, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:30977, name=male external
genitalia, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS23,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17969, name=genital
tubercle of male, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS24, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17381, name=reproductive
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17968, name=male
reproductive system, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28533, name=male associated
reproductive structure, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS23,
end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17969, name=genital
tubercle of male, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS24, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17381, name=reproductive
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 1734 | | | |
|--|---|-------------|---------|
| <pre> group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:17969, name=genital tubercle of male, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS24, present=0]] 5. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:30977, name=male external genitalia, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS23, end=TS28, present=0], OBOComponent [id=EMAPA:17969, name=genital tubercle of male, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS24, present=0]] </pre> | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17969 has synonyms [penis anlage] | | |

| Modified OBOComponent 1735 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:17187 | Name | Starts At |
| TS18 | Ends At | TS20 | Primary Parents |
| EMAPA:17186[lingual swelling] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1735 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:17185, name=tongue, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17186, name=lingual swelling, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0], OBOComponent [id=EMAPA:17187, name=median lingual swelling, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17187 has name [median] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17187 has synonyms [tuberculum impar] | | |

| Modified OBOComponent 1736 | | | |
|--------------------------------------|--|------|-----------------|
| ID | EMAPA:17188 | Name | Starts At |
| TS18 | Ends At | TS20 | Primary Parents |
| EMAPA:17187[median lingual swelling] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], | | |

| Modified OBOComponent 1736 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:17185, name=tongue, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17186, name=lingual swelling, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0], OBOComponent [id=EMAPA:17187, name=median lingual swelling, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0], OBOComponent [id=EMAPA:17188, name=median lingual swelling epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17188 has name [epithelium] | | |

| Modified OBOComponent 1737 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17185 | Name | Starts At |
| TS18 | Ends At | TS23 | Primary Parents |
| EMAPA:16706[pharynx] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, | | |

| Modified OBOComponent 1737 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:17185, name=tongue, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17185 has synonyms [1st arch derivative] | | |

| Modified OBOComponent 1738 | | | |
|-------------------------------|--|-------------|-----------------|
| ID | EMAPA:17189 | Name | Starts At |
| TS18 | Ends At | TS20 | Primary Parents |
| EMAPA:17186[lingual swelling] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:17185, name=tongue, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17186, name=lingual swelling, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0], OBOComponent [id=EMAPA:17189, name=lateral lingual swelling, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 1738 | |
|----------------------------|--|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17189 has name [lateral] |

| Modified OBOComponent 1739 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:27383 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18939[colon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18939, name=colon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27383, name=colon muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27383 has name [muscularis] | | |

| Modified OBOComponent 1740 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:25123 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:18722[scapula] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

| Modified OBOComponent 1740 | | | |
|----------------------------|---|-------------|---------|
| | <p>statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18025, name=pectoral girdle and thoracic body wall skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18722, name=scapula, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:25123, name=scapula spine, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18025, name=pectoral girdle and thoracic body wall skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18722, name=scapula, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:25123, name=scapula spine, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]]</p> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25123 has name [spine] | | |

| Modified OBOComponent 1741 | | | |
|------------------------------------|---|------|-----------------|
| ID | EMAPA:17180 | Name | Starts At |
| TS18 | Ends At | TS22 | Primary Parents |
| EMAPA:17179[duodenum rostral part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> | | |

Modified OBOComponent 1741

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18852, name=duodenum,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17178, name=foregut
duodenum, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17179, name=duodenum
rostral part, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17180, name=duodenum
rostral part associated mesenchyme,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS22, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16548, name=foregut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17178, name=foregut
duodenum, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17179, name=duodenum
rostral part, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
```

| Modified OBOComponent 1741 | | | |
|----------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17180, name=duodenum rostral part associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17180 has name [associated mesenchyme] | | |

| Modified OBOComponent 1742 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:27387 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18939[colon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18939, name=colon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27387, name=colon serosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27387 has name [serosa] | | |

| Modified OBOComponent 1743 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17183 | Name | Starts At |
| TS18 | Ends At | TS23 | Primary Parents |
| EMAPA:17182[duodenum rostral part mesentery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

Modified OBOComponent 1743

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18852, name=duodenum,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17178, name=foregut
duodenum, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17179, name=duodenum
rostral part, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17182, name=duodenum
rostral part mesentery, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17183, name=duodenum
rostral part mesoduodenum, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS23, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16548, name=foregut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```


| Modified OBOComponent 1743 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17178, name=foregut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17179, name=duodenum rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17182, name=duodenum rostral part mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17183, name=duodenum rostral part mesoduodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17183 has name [mesoduodenum] | | |

| Modified OBOComponent 1744 | | | |
|------------------------------|---|------|-----------------|
| ID | EMAPA:18718 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18717[orbital fissure] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18022, name=viscerocranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18717, name=orbital fissure, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18718, name=superior orbital fissure, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| | 2. [| | |

| Modified OBOComponent 1744 | | | |
|---|---|-------------|---------|
| OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18022, name=viscerocranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18717, name=orbital fissure, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18718, name=superior orbital fissure, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18718 has name [superior] | | |

| Modified OBOComponent 1745 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:17184 | Name | Starts At |
| TS18 | Ends At | TS23 | Primary Parents |
| EMAPA:17179[duodenum rostral part] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, | | |

| Modified OBOComponent 1745 | | | |
|----------------------------|---|---|---------|
| | | newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17178, name=foregut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17179, name=duodenum rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17184, name=duodenum rostral part vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0]] | |
| | | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17178, name=foregut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17179, name=duodenum rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17184, name=duodenum rostral part vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17184 has name [vascular element] | | |

| Modified OBOComponent 1746 | | | |
|------------------------------------|-------------|------|-----------------|
| ID | EMAPA:17181 | Name | Starts At |
| TS18 | Ends At | TS22 | Primary Parents |
| EMAPA:17179[duodenum rostral part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| | | | |

Modified OBOComponent 1746

Alternate Paths

```
1. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18852, name=duodenum,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17178, name=foregut
duodenum, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17179, name=duodenum
rostral part, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17181, name=duodenum
rostral part epithelium, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS22, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16548, name=foregut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS23, present=0 ],
OBOComponent [ id=EMAPA:17178, name=foregut
```

| Modified OBOComponent 1746 | | | |
|----------------------------|--|-------------|---------|
| | duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17179, name=duodenum rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17181, name=duodenum rostral part epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17181 has name [epithelium] | | |

| Modified OBOComponent 1747 | | | |
|-----------------------------|---|------|-----------------|
| ID | EMAPA:18716 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18022[viscerocranium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18022, name=viscerocranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18716, name=optic foramen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 1747 | | | |
|----------------------------|---|---|---------|
| | | OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18022, name=viscerocranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18716, name=optic foramen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18716 has synonyms [canal] | | |

| Modified OBOComponent 1748 | | | |
|------------------------------------|---|------|-----------------|
| ID | EMAPA:17182 | Name | Starts At |
| TS18 | Ends At | TS23 | Primary Parents |
| EMAPA:17179[duodenum rostral part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18852, name=duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17178, name=foregut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17179, name=duodenum rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17182, name=duodenum rostral part mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0] | | |

| Modified OBOComponent 1748 | | | |
|----------------------------|---|-------------|---------|
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17178, name=foregut duodenum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17179, name=duodenum rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17182, name=duodenum rostral part mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17182 has name [mesentery] | | |

| Modified OBOComponent 1749 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:18715 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18016[vault of skull] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], | | |

| Modified OBOComponent 1749 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18016, name=vault of skull, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18715, name=parietal bone, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18016, name=vault of skull, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18715, name=parietal bone, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18715 has synonyms [mes] | | |

| Modified OBOComponent 1750 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:18734 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17429[forelimb digit 1] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, | | |

Modified OBOComponent 1750

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18734, name=forelimb digit
1 claw, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18734, name=forelimb digit
1 claw, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
```

| Modified OBOComponent 1750 | | | |
|----------------------------|---|---|---------|
| | | OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18734, name=forelimb digit 1 claw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18734, name=forelimb digit 1 claw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18734 has name [claw] | | |

| Modified OBOComponent 1751 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17081 | Name | Starts At |
| TS18 | Ends At | TS19 | Primary Parents |
| EMAPA:17078[metencephalon basal plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, | | |

| Modified OBOComponent 1751 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17078, name=metencephalon basal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17081, name=metencephalon basal plate ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17081 has name [ventricular layer] | | |

| Modified OBOComponent 1752 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:18735 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17432[forelimb digit 2] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit | | |

Modified OBOComponent 1752

```
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18735, name=forelimb digit
2 claw, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18735, name=forelimb digit
2 claw, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18735, name=forelimb digit
2 claw, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
```


| Modified OBOComponent 1752 | | | |
|----------------------------|---|---|---------|
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18735, name=forelimb digit 2 claw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18735 has name [claw] | | |

| Modified OBOComponent 1753 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17080 | Name | Starts At |
| TS18 | Ends At | TS19 | Primary Parents |
| EMAPA:17078[metencephalon basal plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, | | |

| Modified OBOComponent 1753 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17072, name=metencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17078, name=metencephalon basal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17080, name=metencephalon basal plate marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17080 has name [marginal layer] | | |

| Modified OBOComponent 1754 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:18736 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17435[forelimb digit 3] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18736, name=forelimb digit 3 claw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 1754

```
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18736, name=forelimb digit
3 claw, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18736, name=forelimb digit
3 claw, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
```

| Modified OBOComponent 1754 | | | |
|----------------------------|---|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18736, name=forelimb digit 3 claw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18736 has name [claw] | | |

| Modified OBOComponent 1755 | | | |
|-----------------------------|---|-------------|-----------------|
| ID | EMAPA:17083 | Name | Starts At |
| TS18 | Ends At | TS19 | Primary Parents |
| EMAPA:17082[myelencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17083, name=myelencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17083 has name [lateral wall] | | |

| |
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| |
|--|

| Modified OBOComponent 1756 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:18737 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17438[forelimb digit 4] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18737, name=forelimb digit 4 claw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] </pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18737, name=forelimb digit 4 claw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] </pre> <p>3. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, </pre> | | |

Modified OBOComponent 1756

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18737, name=forelimb digit
4 claw, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18737, name=forelimb digit
4 claw, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18737 has name [claw] | | |

Modified OBOComponent 1757

| | | | |
|-------------------------------|-------------|------|-----------------|
| ID | EMAPA:18738 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17441[forelimb digit 5] | | | Group Parents |

| Modified OBOComponent 1757 | |
|----------------------------|--|
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18738, name=forelimb digit 5 claw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18738, name=forelimb digit 5 claw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]]</p> <p>3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED,</p> |

Modified OBOComponent 1757

| | | | |
|---|---|-------------|---------|
| dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18738, name=forelimb digit 5 claw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | | |
| 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18738, name=forelimb digit 5 claw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18738 has name [claw] | | |

Modified OBOComponent 1758

| | | | |
|------------------------|-------------|------|-----------------|
| ID | EMAPA:25140 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:25139[pterygoid] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| | | | |

Modified OBOComponent 1758*Alternate Paths*

```
1. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17743, name=vertebral axis
muscle system, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18171, name=cranial muscle,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18172, name=cranial
skeletal muscle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25133, name=facial muscle,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25139, name=pterygoid,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25140, name=lateral
pterygoid, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17743, name=vertebral axis
muscle system, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18171, name=cranial muscle,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18172, name=cranial
skeletal muscle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25133, name=facial muscle,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:25139, name=pterygoid,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 1758 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:25140, name=lateral pterygoid, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25140 has name [lateral] | | |

| Modified OBOComponent 1759 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:17085 | Name | Starts At |
| TS18 | Ends At | TS19 | Primary Parents |
| EMAPA:17084[myelencephalon alar plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17083, name=myelencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17084, name=myelencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17085, name=myelencephalon alar plate mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17085 has name [mantle layer] | | |

| Modified OBOComponent 1760 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:18739 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17460[hindlimb digit 1] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18739, name=hindlimb digit 1 claw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18739, name=hindlimb digit 1 claw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]]</p> <p>3. [</p> | | |

Modified OBOComponent 1760

| | | | |
|---|--|-------------|---------|
| <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18739, name=hindlimb digit 1 claw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]]</p> | | | |
| <p>4. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18739, name=hindlimb digit 1 claw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]]</p> | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | <p>1. Different Name - Referenced OBOComponent EMAPA:18739 has name [claw]</p> | | |

Modified OBOComponent 1761

| | | | |
|------|-------------|------|-----------------|
| ID | EMAPA:25141 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| | | | |

| | | |
|----------------------------|--|---------------|
| Modified OBOComponent 1761 | | |
| EMAPA:25139[pterygoid] | | Group Parents |
| | | Synonyms |
| [] | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18171, name=cranial muscle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18172, name=cranial skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:25133, name=facial muscle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:25139, name=pterygoid, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:25141, name=medial pterygoid, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18171, name=cranial muscle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18172, name=cranial skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:25133, name=facial muscle, statusChange=UNCHANGED, statusRule=PASSED,</p> | |

| Modified OBOComponent 1761 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:25139, name=pterygoid, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:25141, name=medial pterygoid, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25141 has name [medial] | | |

| Modified OBOComponent 1762 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:17084 | Name | Starts At |
| TS18 | Ends At | TS19 | Primary Parents |
| EMAPA:17083[myelencephalon lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17083, name=myelencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17084, name=myelencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17084 has name [alar plate] | | |

| Modified OBOComponent 1763 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:17087 | Name | Starts At |
| TS18 | Ends At | TS19 | Primary Parents |
| EMAPA:17084[myelencephalon alar plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17083, name=myelencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17084, name=myelencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17087, name=myelencephalon alar plate ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17087 has name [ventricular layer] | | |

| Modified OBOComponent 1764 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17086 | Name | Starts At |
| TS18 | Ends At | TS19 | Primary Parents |
| EMAPA:17084[myelencephalon alar plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

| Modified OBOComponent 1764 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17083, name=myelencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17084, name=myelencephalon alar plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17086, name=myelencephalon alar plate marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17086 has name [marginal layer] | | |

| Modified OBOComponent 1765 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17089 | Name | Starts At |
| TS18 | Ends At | TS19 | Primary Parents |
| EMAPA:17088[myelencephalon basal plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, | | |

| Modified OBOComponent 1765 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17083, name=myelencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17088, name=myelencephalon basal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17089, name=myelencephalon basal plate mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17089 has name [mantle layer] | | |

| Modified OBOComponent 1766 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17088 | Name | Starts At |
| TS18 | Ends At | TS19 | Primary Parents |
| EMAPA:17083[myelencephalon lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, | | |

| Modified OBOComponent 1766 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17083, name=myelencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17088, name=myelencephalon basal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17088 has name [basal plate] | | |

| Modified OBOComponent 1767 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:18741 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17466[hindlimb digit 3] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18741, name=hindlimb digit 3 claw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

Modified OBOComponent 1767

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OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18741, name=hindlimb digit
3 claw, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18741, name=hindlimb digit
3 claw, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 1767 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18741, name=hindlimb digit 3 claw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18741 has name [claw] | | |

| Modified OBOComponent 1768 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:18740 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17463[hindlimb digit 2] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18740, name=hindlimb digit 2 claw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

Modified OBOComponent 1768

```
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18740, name=hindlimb digit
2 claw, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18740, name=hindlimb digit
2 claw, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

| Modified OBOComponent 1768 | | | |
|----------------------------|--|-------------|---------|
| | start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18740, name=hindlimb digit 2 claw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18740 has name [claw] | | |

| Modified OBOComponent 1769 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:18743 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17472[hindlimb digit 5] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18743, name=hindlimb digit 5 claw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

Modified OBOComponent 1769

```
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18743, name=hindlimb digit
5 claw, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18743, name=hindlimb digit
5 claw, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

| Modified OBOComponent 1769 | | | |
|----------------------------|---|-------------|---------|
| | start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18743, name=hindlimb digit 5 claw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18743 has name [claw] | | |

| Modified OBOComponent 1770 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:18742 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17469[hindlimb digit 4] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18742, name=hindlimb digit 4 claw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], | | |

Modified OBOComponent 1770

```
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18742, name=hindlimb digit
4 claw, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18742, name=hindlimb digit
4 claw, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 1770 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18742, name=hindlimb digit 4 claw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18742 has name [claw] | | |

| Modified OBOComponent 1771 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17092 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| TH:00281[rhombomere] EMAPA:17071[metencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17092, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> | | |

| Modified OBOComponent 1771 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17092, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17092 has parents [TH:00281, EMAPA:17071] | | |

| Modified OBOComponent 1772 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17091 | Name | Starts At |
| TS18 | Ends At | TS19 | Primary Parents |
| EMAPA:17088[myelencephalon basal plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17083, name=myelencephalon lateral wall, statusChange=CHANGED, | | |

| Modified OBOComponent 1772 | | | |
|----------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17088, name=myelencephalon basal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17091, name=myelencephalon basal plate ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17091 has name [ventricular layer] | | |

| Modified OBOComponent 1773 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:18725 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18344[sternum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18025, name=pectoral girdle and thoracic body wall skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18344, name=sternum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18725, name=xiphisternum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1773 | | | |
|----------------------------|---|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18025, name=pectoral girdle and thoracic body wall skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18344, name=sternum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18725, name=xiphisternum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18725 has synonyms [xiphoid process] | | |

| Modified OBOComponent 1774 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17090 | Name | Starts At |
| TS18 | Ends At | TS19 | Primary Parents |
| EMAPA:17088[myelencephalon basal plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17083, name=myelencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17088, name=myelencephalon basal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 1774 | | | |
|----------------------------|--|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17090, name=myelencephalon basal plate marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17090 has name [marginal layer] | | |

| Modified OBOComponent 1775 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17096 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17094[rhombomere 01 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17092, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17094, name=rhombomere 01 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17096, name=rhombomere 01 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> | | |

Modified OBOComponent 1775

| | | | |
|-------------|---|-------------|---------|
| | <pre>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17092, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17094, name=rhombomere 01 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17096, name=rhombomere 01 marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]]</pre> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17096 has name [marginal layer] | | |

Modified OBOComponent 1776

| | | | |
|---|---|------|-----------------|
| ID | EMAPA:17095 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17094[rhombomere 01 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <pre>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system,</pre> | | |

Modified OBOComponent 1776

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17071, name=metencephalon,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17092, name=rhombomere 01,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17094, name=rhombomere 01
lateral wall, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17095, name=rhombomere 01
mantle layer, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00281, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17092, name=rhombomere 01,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17094, name=rhombomere 01
lateral wall, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17095, name=rhombomere 01
mantle layer, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
```

| Modified OBOComponent 1776 | | | |
|----------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17095 has name [mantle layer] | | |

| Modified OBOComponent 1777 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:18729 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:18666[jejunum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:18666, name=jejunum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:18729, name=jejunum lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18729 has name [lumen] | | |

| Modified OBOComponent 1778 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17094 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17092[rhombomere 01] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 1778

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17071, name=metencephalon,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17092, name=rhombomere 01,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17094, name=rhombomere 01
lateral wall, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00281, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17092, name=rhombomere 01,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
```

| Modified OBOComponent 1778 | | | |
|----------------------------|---|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17094, name=rhombomere 01 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17094 has name [lateral wall] | | |

| Modified OBOComponent 1779 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17093 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17092[rhombomere 01] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17092, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17093, name=rhombomere 01 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo,</p> | | |

| Modified OBOComponent 1779 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17092, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17093, name=rhombomere 01 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17093 has name [floor plate] | | |

| Modified OBOComponent 1780 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17099 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17071[metencephalon] TH:00281[rhombomere] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1780 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17099, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17099, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17099 has parents [EMAPA:17071, TH:00281] | | |

| Modified OBOComponent 1781 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17098 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17092[rhombomere 01] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 1781

```
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17071, name=metencephalon,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS18, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17092, name=rhombomere 01,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17098, name=rhombomere 01
roof plate, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16916, name=hindbrain,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00281, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17092, name=rhombomere 01,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS18, present=0 ],
OBOComponent [ id=EMAPA:17098, name=rhombomere 01
roof plate, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
```

| Modified OBOComponent 1781 | | | |
|----------------------------|---|---|---------|
| | | namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17098 has name [roof plate] | | |

| Modified OBOComponent 1782 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17097 | Name | Starts At |
| TS18 | Ends At | TS18 | Primary Parents |
| EMAPA:17094[rhombomere 01 lateral wall] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17092, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17094, name=rhombomere 01 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0],</p> <p>OBOComponent [id=EMAPA:17097, name=rhombomere 01 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo,</p> | | |

| Modified OBOComponent 1782 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00281, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:17092, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17094, name=rhombomere 01 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0], OBOComponent [id=EMAPA:17097, name=rhombomere 01 ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17097 has name [ventricular layer] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17097 has synonyms [ependymal layer] | | |

| Modified OBOComponent 1783 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:25149 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:25148[tail nerve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16753, name=tail nervous system, statusChange=CHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1783 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18370, name=tail peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:25148, name=tail nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:25149, name=tail segmental spinal nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25149 has name [segmental spinal nerve] | | |

| Modified OBOComponent 1784 | | | |
|---|--|-------------|-----------------|
| ID | EMAPA:25148 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18370[tail peripheral nervous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16753, name=tail nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18370, name=tail peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:25148, name=tail nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25148 has name [nerve] | | |

| Modified OBOComponent 1785 | | | |
|--------------------------------|-------------|------|-----------------|
| ID | EMAPA:18731 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:18462[pleural component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| | | | |

| Modified OBOComponent 1785 | | | |
|----------------------------|--|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:18462, name=pleural component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18731, name=pleural component cavity, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18731 has name [cavity] | | |

| Modified OBOComponent 1786 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18763 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18648[thyroid vein] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18648, name=thyroid vein, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18763, name=inferior thyroid vein, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 1786 | | | |
|----------------------------|---|-------------|---------|
| | start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18763 has name [inferior] | | |

| Modified OBOComponent 1787 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:18764 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18648[thyroid vein] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18648, name=thyroid vein, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18764, name=superior thyroid vein, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18764 has name [superior] | | |

| Modified OBOComponent 1788 | | | |
|------------------------------|--|------|-----------------|
| ID | EMAPA:18761 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18759[epigastric vein] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1788 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18759, name=epigastric vein, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18761, name=superior epigastric vein, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18761 has name [superior] | | |

| Modified OBOComponent 1789 | | | |
|------------------------------|---|-------------|-----------------|
| ID | EMAPA:18760 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18759[epigastric vein] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18759, name=epigastric vein, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18760, name=inferior epigastric vein, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18760 has name [inferior] | | |

| Modified OBOComponent 1790 | | | |
|-------------------------------------|---|-------------|-----------------|
| ID | EMAPA:17998 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17997[right lung middle lobe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17997, name=right lung middle lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17998, name=right lung middle lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17998 has name [lobar bronchus] | | |

| Modified OBOComponent 1791 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17999 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17998[right lung middle lobe lobar bronchus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1791 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17997, name=right lung middle lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17998, name=right lung middle lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17999, name=right lung middle lobe lobar bronchus associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17999 has name [associated mesenchyme] | | |

| Modified OBOComponent 1792 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17996 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17661[right lung] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1792 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17996, name=right lung hilus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17996 has name [hilus] | | |

| Modified OBOComponent 1793 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:17997 | Name | Starts At |
| TS21 | Ends At | TS26 | Primary Parents |
| EMAPA:17661[right lung] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17997, name=right lung middle lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17997 has name [middle lobe] | | |

| Modified OBOComponent 1794 | | | |
|--------------------------------|-------------|------|-----------------|
| ID | EMAPA:18752 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18750[epigastric artery] | | | Group Parents |
| | | | Synonyms |
| | | | |

| Modified OBOComponent 1794 | | | |
|----------------------------|--|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18750, name=epigastric artery, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18752, name=superior epigastric artery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18752 has name [superior] | | |

| Modified OBOComponent 1795 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:18751 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18750[epigastric artery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18750, name=epigastric artery, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1795 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18751, name=inferior epigastric artery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18751 has name [inferior] | | |

| Modified OBOComponent 1796 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:18778 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17532[epithalamus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16896, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17532, name=epithalamus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18778, name=pineal gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18778 has synonyms [epiphysis] | | |

| Modified OBOComponent 1797 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:18779 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| | | | |

| Modified OBOComponent 1797 | |
|--|---|
| EMAPA:17769[lateral ventricle choroid plexus] EMAPA:17770[anterior horn of lateral ventricle] | Group Parents |
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00036, name=brain ventricle, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16914, name=lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17770, name=anterior horn of lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18779, name=anterior horn of lateral ventricle choroid plexus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> |

Modified OBOComponent 1797

```
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00020, name=choroid plexus,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17769, name=lateral
ventricle choroid plexus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18779, name=anterior horn
of lateral ventricle choroid plexus,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16895, name=forebrain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16910, name=telencephalon,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17548, name=choroid
invagination, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17769, name=lateral
ventricle choroid plexus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18779, name=anterior horn
of lateral ventricle choroid plexus,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
```

| Modified OBOComponent 1797 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16914, name=lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17770, name=anterior horn of lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18779, name=anterior horn of lateral ventricle choroid plexus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18779 has name [choroid plexus] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:18779 has parents [EMAPA:17769, EMAPA:17770] | | |

| Modified OBOComponent 1798 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18780 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17769[lateral ventricle choroid plexus] EMAPA:17771[inferior horn of lateral ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous | | |

Modified OBOComponent 1798

```
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00036, name=brain ventricle,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16914, name=lateral
ventricle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17771, name=inferior horn
of lateral ventricle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18780, name=lateral
ventricle inferior horn choroid plexus,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00020, name=choroid plexus,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17769, name=lateral
ventricle choroid plexus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18780, name=lateral
ventricle inferior horn choroid plexus,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
```

Modified OBOComponent 1798

```
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16895, name=forebrain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16910, name=telencephalon,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17548, name=choroid
invagination, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17769, name=lateral
ventricle choroid plexus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18780, name=lateral
ventricle inferior horn choroid plexus,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16895, name=forebrain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16910, name=telencephalon,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16914, name=lateral
ventricle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17771, name=inferior horn
of lateral ventricle, statusChange=CHANGED,
```


| Modified OBOComponent 1798 | | | |
|----------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18780, name=lateral ventricle inferior horn choroid plexus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18780 has name [choroid plexus] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:18780 has parents [EMAPA:17769, EMAPA:17771] | | |

| Modified OBOComponent 1799 | | | |
|---|---|------|-----------------|
| ID | EMAPA:18781 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17772[posterior horn of lateral ventricle] EMAPA:17769[lateral ventricle choroid plexus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00036, name=brain ventricle, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16914, name=lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17772, name=posterior horn of lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18781, name=posterior horn of lateral ventricle choroid plexus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> | | |

Modified OBOComponent 1799

```

group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00020, name=choroid plexus,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17769, name=lateral
ventricle choroid plexus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18781, name=posterior horn
of lateral ventricle choroid plexus,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]

```

```

3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16895, name=forebrain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16910, name=telencephalon,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17548, name=choroid
invagination, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17769, name=lateral

```

| Modified OBOComponent 1799 | | | |
|----------------------------|---|-------------|---------|
| | ventricle choroid plexus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18781, name=posterior horn of lateral ventricle choroid plexus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16914, name=lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17772, name=posterior horn of lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18781, name=posterior horn of lateral ventricle choroid plexus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18781 has name [choroid plexus] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:18781 has parents [EMAPA:17772, EMAPA:17769] | | |

| Modified OBOComponent 1800 | | | |
|--|-------------|------|-----------------|
| ID | EMAPA:18782 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17769[lateral ventricle choroid plexus] EMAPA:17773[superior horn of lateral ventricle] | | | Group Parents |
| | | | Synonyms |
| | | | |

Modified OBOComponent 1800

| [] | Primary Path |
|-----------------|--|
| Alternate Paths | <p>1. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00036, name=brain ventricle, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16914, name=lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17773, name=superior horn of lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18782, name=superior horn of lateral ventricle choroid plexus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]]</pre> <p>2. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00020, name=choroid plexus, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</pre> |

Modified OBOComponent 1800

```
OBOComponent [ id=EMAPA:17769, name=lateral
ventricle choroid plexus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18782, name=superior horn
of lateral ventricle choroid plexus,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16895, name=forebrain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16910, name=telencephalon,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17548, name=choroid
invagination, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17769, name=lateral
ventricle choroid plexus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18782, name=superior horn
of lateral ventricle choroid plexus,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
```

| Modified OBOComponent 1800 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16914, name=lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17773, name=superior horn of lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18782, name=superior horn of lateral ventricle choroid plexus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18782 has name [choroid plexus] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:18782 has parents [EMAPA:17769, EMAPA:17773] | | |

| Modified OBOComponent 1801 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18784 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17769[lateral ventricle choroid plexus] EMAPA:18549[head of lateral ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, | | |

Modified OBOComponent 1801

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00036, name=brain ventricle,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16914, name=lateral
ventricle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18549, name=head of lateral
ventricle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18784, name=head of lateral
ventricle choroid plexus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00020, name=choroid plexus,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17769, name=lateral
ventricle choroid plexus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18784, name=head of lateral
ventricle choroid plexus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
```

Modified OBOComponent 1801

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16895, name=forebrain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16910, name=telencephalon,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17548, name=choroid
invagination, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17769, name=lateral
ventricle choroid plexus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18784, name=head of lateral
ventricle choroid plexus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16895, name=forebrain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16910, name=telencephalon,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16914, name=lateral
ventricle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18549, name=head of lateral
ventricle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18784, name=head of lateral
ventricle choroid plexus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
```

| Modified OBOComponent 1801 | | | |
|----------------------------|---|------------------------------------|---------|
| | | start=TS24, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18784 has name [choroid plexus] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:18784 has parents [EMAPA:17769, EMAPA:18549] | | |

| Modified OBOComponent 1802 | | | |
|---|---|------|-----------------|
| ID | EMAPA:18785 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17769[lateral ventricle choroid plexus] EMAPA:18550[tail of lateral ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00036, name=brain ventricle, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16914, name=lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18550, name=tail of lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18785, name=tail of lateral ventricle choroid plexus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> | | |

Modified OBOComponent 1802

```
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00020, name=choroid plexus,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17769, name=lateral
ventricle choroid plexus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18785, name=tail of lateral
ventricle choroid plexus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16895, name=forebrain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16910, name=telencephalon,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17548, name=choroid
invagination, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17769, name=lateral
ventricle choroid plexus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18785, name=tail of lateral
ventricle choroid plexus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
```

| Modified OBOComponent 1802 | | | |
|----------------------------|---|---|---------|
| | | start=TS24, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16914, name=lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18550, name=tail of lateral ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18785, name=tail of lateral ventricle choroid plexus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18785 has name [choroid plexus] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:18785 has parents [EMAPA:17769, EMAPA:18550] | | |

| Modified OBOComponent 1803 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18786 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17557[medulla oblongata basal plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

| Modified OBOComponent 1803 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17550, name=medulla oblongata, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17552, name=medulla oblongata lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17557, name=medulla oblongata basal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18786, name=medulla oblongata rest of basal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18786 has name [rest of basal plate] | | |

| Modified OBOComponent 1804 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18787 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18786[medulla oblongata rest of basal plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1804 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17550, name=medulla oblongata, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17552, name=medulla oblongata lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17557, name=medulla oblongata basal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18786, name=medulla oblongata rest of basal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18787, name=medulla oblongata rest of basal plate mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18787 has name [mantle layer] | | |

| Modified OBOComponent 1805 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:18769 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17525[skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17525, name=skin, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18769, name=hair, | | |

| Modified OBOComponent 1805 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Start Stage - Referenced OBOComponent EMAPA:18769 has Start Stage TS24 | | |

| Modified OBOComponent 1806 | | | |
|-----------------------------------|--|-------------|-----------------|
| ID | EMAPA:18766 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18765[haemolymphoid system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:18765, name=haemolymphoid system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18766, name=haemolymphoid system gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18766 has name [gland] | | |

| Modified OBOComponent 1807 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18771 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18769[hair] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], | | |

| Modified OBOComponent 1807 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17525, name=skin, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18769, name=hair, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18771, name=hair follicle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18771 has name [follicle] | | |
| | 2. Different Start Stage - Referenced OBOComponent EMAPA:18771 has Start Stage TS24 | | |

| Modified OBOComponent 1808 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:18772 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18769[hair] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17525, name=skin, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18769, name=hair, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18772, name=hair root sheath, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18772 has name [root sheath] | | |

| Modified OBOComponent 1809 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:18770 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |

| Modified OBOComponent 1809 | | | |
|----------------------------|---|---------------|---------|
| EMAPA:18769[hair] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17525, name=skin, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18769, name=hair, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18770, name=hair bulb, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18770 has name [bulb] | | |

| Modified OBOComponent 1810 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:18799 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18797[temporal lobe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, | | |

| Modified OBOComponent 1810 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18797, name=temporal lobe, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18799, name=temporal lobe ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18799 has name [ventricular layer] | | |

| Modified OBOComponent 1811 | | | |
|-----------------------------------|--|-------------|-----------------|
| ID | EMAPA:27311 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27291[perineal body mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18921, name=perineal body, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27291, name=perineal body mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27311, name=perineal body lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 1811 | |
|----------------------------|---|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27311 has name [lamina propria] |

| Modified OBOComponent 1812 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:18789 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18786[medulla oblongata rest of basal plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17550, name=medulla oblongata, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17552, name=medulla oblongata lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17557, name=medulla oblongata basal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18786, name=medulla oblongata rest of basal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18789, name=medulla oblongata rest of basal plate ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18789 has name [ventricular layer] | | |

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| |
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| Modified OBOComponent 1813 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:18788 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18786[medulla oblongata rest of basal plate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17550, name=medulla oblongata, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17552, name=medulla oblongata lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17557, name=medulla oblongata basal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18786, name=medulla oblongata rest of basal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18788, name=medulla oblongata rest of basal plate marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18788 has name [marginal layer] | | |

| Modified OBOComponent 1814 | | | |
|-----------------------------------|-------------|------|-----------------|
| ID | EMAPA:27307 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27291[perineal body mucosa] | | | Group Parents |
| | | | |

| Modified OBOComponent 1814 | | | |
|----------------------------|--|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18921, name=perineal body, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27291, name=perineal body mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27307, name=perineal body epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27307 has name [epithelium] | | |

| Modified OBOComponent 1815 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:18798 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18797[temporal lobe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, | | |

| Modified OBOComponent 1815 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16895, name=forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16910, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18797, name=temporal lobe, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18798, name=temporal lobe marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18798 has name [marginal layer] | | |

| Modified OBOComponent 1816 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:27303 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18921[perineal body] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18921, name=perineal body, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27303, name=perineal body serosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1816 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27303 has name [serosa] | | |

| Modified OBOComponent 1817 | | | |
|------------------------------|---|-------------|-----------------|
| ID | EMAPA:18791 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18553[medullary raphe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17550, name=medulla oblongata, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17552, name=medulla oblongata lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17557, name=medulla oblongata basal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18553, name=medullary raphe, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18791, name=medullary raphe marginal layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18791 has name [marginal layer] | | |

| Modified OBOComponent 1818 | | | |
|------------------------------|---|-------------|-----------------|
| ID | EMAPA:18792 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18553[medullary raphe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17550, name=medulla oblongata, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17552, name=medulla oblongata lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17557, name=medulla oblongata basal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18553, name=medullary raphe, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18792, name=medullary raphe ventricular layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18792 has name [ventricular layer] | | |

| Modified OBOComponent 1819 | | | |
|------------------------------|-------------|------|-----------------|
| ID | EMAPA:18790 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18553[medullary raphe] | | | Group Parents |
| | | | Synonyms |

| Modified OBOComponent 1819 | | | |
|----------------------------|---|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17550, name=medulla oblongata, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17552, name=medulla oblongata lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17557, name=medulla oblongata basal plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18553, name=medullary raphe, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18790, name=medullary raphe mantle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18790 has name [mantle layer] | | |

| Modified OBOComponent 1820 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:31859 | Name | Starts At |
| TS01 | Ends At | TS01 | Primary Parents |
| EMAPA:25765[mouse] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:31859 has name [polar body GROUP] | | |

| | | | |
|-----------------------------------|--|--|--|
| Modified OBOComponent 1820 | | | |
| | | 2. Different Primary Status - Referenced OBOComponent was a Primary component. | |

| | | | |
|--|---|-------------|-----------------|
| Modified OBOComponent 1821 | | | |
| ID | EMAPA:31857 | Name | Starts At |
| TS12 | Ends At | TS26 | Primary Parents |
| EMAPA:16039[embryo] EMAPA:25765[mouse] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:31857 has synonyms [body] | | |

| | | | |
|--|--|-------------|-----------------|
| Modified OBOComponent 1822 | | | |
| ID | EMAPA:31858 | Name | Starts At |
| TS11 | Ends At | TS26 | Primary Parents |
| EMAPA:16039[embryo] EMAPA:25765[mouse] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31858, name=head, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Start Stage - Referenced OBOComponent EMAPA:31858 has Start Stage TS12 | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:31858 has synonyms [head region] | | |

| | | | |
|-----------------------------------|-------------|------|-----------|
| Modified OBOComponent 1823 | | | |
| ID | EMAPA:31864 | Name | Starts At |
| | | | |

| | | | |
|-----------------------------------|--|-------------|-----------------|
| Modified OBOComponent 1823 | | | |
| TS03 | Ends At | TS03 | Primary Parents |
| EMAPA:16037[4-8 cell stage] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:31864 has synonyms [4-cell embryo] | | |

| | | | |
|-----------------------------------|--|-------------|-----------------|
| Modified OBOComponent 1824 | | | |
| ID | EMAPA:31865 | Name | Starts At |
| TS03 | Ends At | TS03 | Primary Parents |
| EMAPA:16037[4-8 cell stage] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:31865 has synonyms [8-cell embryo] | | |

| | | | |
|-----------------------------------|--|------|-----------------|
| Modified OBOComponent 1825 | | | |
| ID | EMAPA:26220 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:17503[pancreas] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:17065, name=foregut-midgut | | |

| Modified OBOComponent 1825 | | | |
|----------------------------|---|-------------|---------|
| | junction gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17503, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:26220, name=pancreas associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26220 has name [associated mesenchyme] | | |

| Modified OBOComponent 1826 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:17229 | Name | Starts At |
| TS18 | Ends At | TS21 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17229, name=somite 43, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS21, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, | | |

Modified OBOComponent 1826

```
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17229, name=somite 43,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17229, name=somite 43,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17229, name=somite 43,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
```

Modified OBOComponent 1826

```
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17229, name=somite 43,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17229, name=somite 43,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
```

| Modified OBOComponent 1826 | | | |
|----------------------------|--|---|---------|
| | | OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17229, name=somite 43, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS21, present=0] | |
| | | 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17229, name=somite 43, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS21, present=0] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17229 has parents [EMAPA:16860, EMAPA:31169] | | |

| Modified OBOComponent 1827 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:19252 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| TH:00230[intestine] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1827 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00230, name=intestine, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:19252, name=large intestine, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:19252 has parents [EMAPA:16247] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:19252 has parents [TH:00230] | | |
| | 3. Different Start Stage - Referenced OBOComponent EMAPA:19252 has Start Stage TS26 | | |

| Modified OBOComponent 1828 | | | |
|---|--|------|-----------------|
| ID | EMAPA:19255 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:19253[midgut derived large intestine] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00230, name=intestine, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:19252, name=large intestine, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], | | |

| Modified OBOComponent 1828 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:19253, name=midgut derived large intestine, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:19255, name=midgut derived large intestine associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19255 has name [associated mesenchyme] | | |

| Modified OBOComponent 1829 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:19256 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:19254[hindgut derived large intestine] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00230, name=intestine, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:19252, name=large intestine, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19254, name=hindgut derived large intestine, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:19256, name=hindgut derived large intestine associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19256 has name [associated mesenchyme] | | |

| Modified OBOComponent 1830 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:19257 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:19253[midgut derived large intestine] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00230, name=intestine, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:19252, name=large intestine, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19253, name=midgut derived large intestine, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:19257, name=midgut derived large intestine epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19257 has name [epithelium] | | |

| Modified OBOComponent 1831 | | | |
|---|--|------|-----------------|
| ID | EMAPA:19258 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:19253[midgut derived large intestine] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 1831 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00230, name=intestine, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:19252, name=large intestine, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19253, name=midgut derived large intestine, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:19258, name=midgut derived large intestine lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19258 has name [lumen] | | |

| Modified OBOComponent 1832 | | | |
|---|---|------|-----------------|
| ID | EMAPA:19259 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:19253[midgut derived large intestine] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1832 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00230, name=intestine, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:19252, name=large intestine, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19253, name=midgut derived large intestine, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:19259, name=midgut derived large intestine mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19259 has name [mesentery] | | |

| Modified OBOComponent 1833 | | | |
|---|---|------|-----------------|
| ID | EMAPA:28287 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:31566[cortical renal tubule of mature nephron GROUP] EMAPA:28281[renal proximal tubule] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28491, name=mature nephron, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:18976, name=cortical renal tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:31566, name=cortical renal tubule of mature nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28287, name=renal proximal convoluted tubule, statusChange=CHANGED, | | |

Modified OBOComponent 1833

statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0]]

2. [
OBOComponent [id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0],
OBOComponent [id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0],
OBOComponent [id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0],
OBOComponent [id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0],
OBOComponent [id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0],
OBOComponent [id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0],
OBOComponent [id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0],
OBOComponent [id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0],
OBOComponent [id=EMAPA:28281, name=renal proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0],
OBOComponent [id=EMAPA:28287, name=renal proximal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0]]

3. [
OBOComponent [id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0],
OBOComponent [id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0],
OBOComponent [id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0],
OBOComponent [id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0],
OBOComponent [id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0],
OBOComponent [id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0],
OBOComponent [id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0],
OBOComponent [id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0],
OBOComponent [id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,

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```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28287, name=renal proximal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28281, name=renal proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28287, name=renal proximal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
```

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```
capillary loop stage nephron GROUP,  
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,  
newid=TBD, namespace=abstract_anatomy, group=true,  
start=TS22, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:18976, name=cortical renal  
tubule, statusChange=UNCHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=TS22, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:31566, name=cortical renal  
tubule of mature nephron GROUP,  
statusChange=UNCHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=true, start=TS25, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:28287, name=renal proximal  
convoluted tubule, statusChange=CHANGED,  
statusRule=PASSED, dbID=TBD, newid=TBD,  
namespace=abstract_anatomy, group=false,  
start=TS25, end=TS28, present=0 ]]
```

```
6. [  
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,  
statusChange=UNCHECKED, statusRule=UNCHECKED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=, end=, present=0 ],  
OBOComponent [ id=EMAPA:25765, name=mouse,  
statusChange=UNCHECKED, statusRule=UNCHECKED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=TS01, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:16103, name=organ system,  
statusChange=UNCHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=TS11, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:16245, name=visceral organ,  
statusChange=UNCHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=TS12, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:17366, name=urinary system,  
statusChange=UNCHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=TS19, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:17373, name=metanephros,  
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,  
newid=TBD, namespace=abstract_anatomy, group=false,  
start=TS19, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:17952, name=renal cortex,  
statusChange=UNCHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=TS22, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:28506, name=developing  
capillary loop stage nephron GROUP,  
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,  
newid=TBD, namespace=abstract_anatomy, group=true,  
start=TS22, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:18976, name=cortical renal  
tubule, statusChange=UNCHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=TS22, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:28281, name=renal proximal  
tubule, statusChange=UNCHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=TS25, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:28287, name=renal proximal  
convoluted tubule, statusChange=CHANGED,  
statusRule=PASSED, dbID=TBD, newid=TBD,  
namespace=abstract_anatomy, group=false,  
start=TS25, end=TS28, present=0 ]]
```

```
7. [  
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,  
statusChange=UNCHECKED, statusRule=UNCHECKED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=, end=, present=0 ],  
OBOComponent [ id=EMAPA:25765, name=mouse,  
statusChange=UNCHECKED, statusRule=UNCHECKED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=TS01, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:16103, name=organ system,  
statusChange=UNCHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=TS11, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:16245, name=visceral organ,  
statusChange=UNCHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

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```
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28287, name=renal proximal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28281, name=renal proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28287, name=renal proximal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
9. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

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```
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28287, name=renal proximal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
10. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28281, name=renal proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
```

Modified OBOComponent 1833

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28287, name=renal proximal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
11. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28287, name=renal proximal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
12. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
```


Modified OBOComponent 1833

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28287, name=renal proximal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
13. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28281, name=renal proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28287, name=renal proximal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
14. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
```


Modified OBOComponent 1833

```
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28287, name=renal proximal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
15. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28281, name=renal proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28287, name=renal proximal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
16. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
```

Modified OBOComponent 1833

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28287, name=renal proximal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
17. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28281, name=renal proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28287, name=renal proximal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
18. [
```

Modified OBOComponent 1833

```
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28287, name=renal proximal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
19. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
```

Modified OBOComponent 1833

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28506, name=developing
capillary loop stage nephron GROUP,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28281, name=renal proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28287, name=renal proximal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
20. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28287, name=renal proximal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
21. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
```

Modified OBOComponent 1833

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28527, name=late tubule,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28281, name=renal proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28287, name=renal proximal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
22. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
```


Modified OBOComponent 1833

```
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28287, name=renal proximal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
23. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28485, name=maturing
nephron, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28281, name=renal proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28287, name=renal proximal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
24. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
```


Modified OBOComponent 1833

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28287, name=renal proximal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
25. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28281, name=renal proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28287, name=renal proximal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
26. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
```

Modified OBOComponent 1833

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31566, name=cortical renal
tubule of mature nephron GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28287, name=renal proximal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
27. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:18976, name=cortical renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28281, name=renal proximal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28287, name=renal proximal
convoluted tubule, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
```

| | | | |
|-----------------------------------|--|-------------|---------|
| Modified OBOComponent 1833 | | | |
| | start=TS25, end=TS28, present=0 [] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:28287 has synonyms [first convoluted tubule] | | |

| | | | |
|-----------------------------------|--|------|-----------------|
| Modified OBOComponent 1834 | | | |
| ID | EMAPA:17233 | Name | Starts At |
| TS18 | Ends At | TS21 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17233, name=somite 44, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS21, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17233, name=somite 44, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS21, present=0]]</p> | | |

Modified OBOComponent 1834

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17233, name=somite 44,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17233, name=somite 44,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
```

Modified OBOComponent 1834

```
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17233, name=somite 44,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17233, name=somite 44,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17233, name=somite 44,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

| Modified OBOComponent 1834 | | | |
|----------------------------|--|-------------|---------|
| | 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17233, name=somite 44, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17233 has parents [EMAPA:16860, EMAPA:31169] | | |

| Modified OBOComponent 1835 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17216 | Name | Starts At |
| TS15 | Ends At | TS17 | Primary Parents |
| EMAPA:17215[axial skeleton cervical region] TH:00031[vertebral pre-cartilage condensation] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, | | |

Modified OBOComponent 1835

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00031, name=vertebral pre-
cartilage condensation, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17216, name=cervical
vertebral pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS17, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17215, name=axial skeleton
cervical region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17216, name=cervical
vertebral pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS17, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00031, name=vertebral pre-
cartilage condensation, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17216, name=cervical
vertebral pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

| Modified OBOComponent 1835 | | | |
|----------------------------|---|--|---------|
| | | start=TS15, end=TS17, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17215, name=axial skeleton cervical region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17216, name=cervical vertebral pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS17, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17216 has name [vertebral pre-cartilage condensation] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17216 has parents [EMAPA:17215, TH:00031] | | |

| Modified OBOComponent 1836 | | | |
|-----------------------------|---|------|-----------------|
| ID | EMAPA:17215 | Name | Starts At |
| TS15 | Ends At | TS26 | Primary Parents |
| EMAPA:17214[axial skeleton] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1836 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17215, name=axial skeleton cervical region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17215, name=axial skeleton cervical region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17215 has name [cervical region] | | |

| Modified OBOComponent 1837 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:17217 | Name | Starts At |
| TS18 | Ends At | TS21 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17217, name=somite 40, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

Modified OBOComponent 1837

```
start=TS18, end=TS21, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17217, name=somite 40,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17217, name=somite 40,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
```

Modified OBOComponent 1837

```
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17217, name=somite 40,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17217, name=somite 40,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17217, name=somite 40,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

Modified OBOComponent 1837

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17217, name=somite 40,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17217, name=somite 40,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17217 has parents [EMAPA:16860, EMAPA:31169] | | |

Modified OBOComponent 1838

| | | | |
|------|-------------|------|-----------------|
| ID | EMAPA:31247 | Name | Starts At |
| TS27 | Ends At | TS28 | Primary Parents |

| Modified OBOComponent 1838 | | | |
|----------------------------------|--|---------------|---------|
| EMAPA:30755[primordial follicle] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:17962, name=ovary, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:30755, name=primordial follicle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS27, end=TS28, present=0], OBOComponent [id=EMAPA:31247, name=follicle cell of primordial follicle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS27, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:31247 has synonyms [granulosa cell] | | |

| Modified OBOComponent 1839 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:19244 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:17838[lens] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, | | |

| Modified OBOComponent 1839 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17838, name=lens, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19244, name=lens posterior suture, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19244 has name [posterior suture] | | |

| Modified OBOComponent 1840 | | | |
|------------------------------|---|-------------|-----------------|
| ID | EMAPA:19242 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:16201[arterial system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:19242, name=hyaloid artery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:19242 has synonyms [central artery of retina] | | |

| Modified OBOComponent 1841 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:19243 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:17838[lens] | | | Group Parents |
| | | | |

| Modified OBOComponent 1841 | | | |
|----------------------------|--|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17838, name=lens, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19243, name=lens embryonic nucleus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19243 has name [embryonic nucleus] | | |

| Modified OBOComponent 1842 | | | |
|--|--|------|-----------------|
| ID | EMAPA:19248 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| TH:00173[islets of Langerhans] EMAPA:18826[pancreas tail parenchyma] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, | | |

Modified OBOComponent 1842

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18815, name=gut gland,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18816, name=pancreas,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18824, name=pancreas tail,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18826, name=pancreas tail
parenchyma, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19248, name=pancreas tail
islets of Langerhans, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18815, name=gut gland,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18816, name=pancreas,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ],
OBOComponent [ id=TH:00172, name=pancreas
parenchyma, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18826, name=pancreas tail
parenchyma, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19248, name=pancreas tail
islets of Langerhans, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
```

Modified OBOComponent 1842

| | | | |
|-------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18815, name=gut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:18816, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=TH:00172, name=pancreas parenchyma, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=TH:00173, name=islets of Langerhans, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:19248, name=pancreas tail islets of Langerhans, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19248 has name [islets of Langerhans] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:19248 has parents [TH:00173, EMAPA:18826] | | |

Modified OBOComponent 1843

| | | | |
|---|---|------|-----------------|
| ID | EMAPA:19246 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:18819[pancreas body parenchyma] TH:00173[islets of Langerhans] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, | | |

Modified OBOComponent 1843

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18815, name=gut gland,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18816, name=pancreas,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18817, name=pancreas body,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18819, name=pancreas body
parenchyma, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19246, name=pancreas body
islets of Langerhans, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18815, name=gut gland,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18816, name=pancreas,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ],
OBOComponent [ id=TH:00172, name=pancreas
parenchyma, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18819, name=pancreas body
parenchyma, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
```


| Modified OBOComponent 1843 | | | |
|----------------------------|--|---|---------|
| | | start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19246, name=pancreas body islets of Langerhans, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | |
| | | 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18815, name=gut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:18816, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=TH:00172, name=pancreas parenchyma, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=TH:00173, name=islets of Langerhans, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:19246, name=pancreas body islets of Langerhans, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19246 has name [islets of Langerhans] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:19246 has parents [EMAPA:18819, TH:00173] | | |

| Modified OBOComponent 1844 | | | |
|--|--|------|-----------------|
| ID | EMAPA:19247 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| TH:00173[islets of Langerhans] EMAPA:18822[pancreas head parenchyma] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 1844

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18815, name=gut gland,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18816, name=pancreas,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS24, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18820, name=pancreas head,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18822, name=pancreas head
parenchyma, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19247, name=pancreas head
islets of Langerhans, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16246, name=alimentary
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16247, name=gut,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18815, name=gut gland,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18816, name=pancreas,
```

Modified OBOComponent 1844

| | | | |
|---|--|-------------|---------|
| <pre> statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=TH:00172, name=pancreas parenchyma, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18822, name=pancreas head parenchyma, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19247, name=pancreas head islets of Langerhans, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] </pre> | | | |
| <pre> 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18815, name=gut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:18816, name=pancreas, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=TH:00172, name=pancreas parenchyma, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=TH:00173, name=islets of Langerhans, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:19247, name=pancreas head islets of Langerhans, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] </pre> | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19247 has name [islets of Langerhans] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:19247 has parents [TH:00173, EMAPA:18822] | | |

Modified OBOComponent 1845

| | | | |
|----|-------------|------|-----------|
| ID | EMAPA:30819 | Name | Starts At |
| | | | |

| Modified OBOComponent 1845 | | | |
|---|--|------|-----------------|
| TS28 | Ends At | TS28 | Primary Parents |
| EMAPA:17959[female reproductive system] EMAPA:30984[female external genitalia] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:30984, name=female external genitalia, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS23, end=TS28, present=0], OBOComponent [id=EMAPA:30819, name=clitoris, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0]] </pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:30819, name=clitoris, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0]] </pre> <p>3. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, </pre> | | |

Modified OBOComponent 1845

| | | | |
|-------------|---|-------------|---------|
| | group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:30984, name=female external genitalia, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS23, end=TS28, present=0], OBOComponent [id=EMAPA:30819, name=clitoris, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:30819 has synonyms [genital tubercle of female] | | |

Modified OBOComponent 1846

| | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:17221 | Name | Starts At |
| TS18 | Ends At | TS21 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0],</p> <p>OBOComponent [id=EMAPA:17221, name=somite 41,</p> | | |

Modified OBOComponent 1846

statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS21, present=0]]

2. [
 OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],
 OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],
 OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0],
 OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],
 OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],
 OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0],
 OBOComponent [id=EMAPA:17221, name=somite 41, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS21, present=0]]

3. [
 OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],
 OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],
 OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0],
 OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],
 OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0],
 OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0],
 OBOComponent [id=EMAPA:17221, name=somite 41, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS21, present=0]]

4. [
 OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],
 OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],
 OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0],
 OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],

Modified OBOComponent 1846

```
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17221, name=somite 41,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17221, name=somite 41,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17221, name=somite 41,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

Modified OBOComponent 1846

| | | | |
|--|---|-------------|---------|
| start=TS18, end=TS21, present=0]] | | | |
| 7. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17221, name=somite 41, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS21, present=0]] | | | |
| 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17221, name=somite 41, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS21, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17221 has parents [EMAPA:16860, EMAPA:31169] | | |

Modified OBOComponent 1847

| | | | |
|----|-------------|------|-----------|
| ID | EMAPA:17225 | Name | Starts At |
| | | | |

| Modified OBOComponent 1847 | | | |
|--------------------------------|--|------|-----------------|
| TS18 | Ends At | TS21 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0],</p> <p>OBOComponent [id=EMAPA:17225, name=somite 42, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS21, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0],</p> <p>OBOComponent [id=EMAPA:17225, name=somite 42, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS21, present=0]]</p> <p>3. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0],</p> | | |

Modified OBOComponent 1847

```
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17225, name=somite 42,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17225, name=somite 42,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17225, name=somite 42,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

Modified OBOComponent 1847

```
start=TS18, end=TS21, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17225, name=somite 42,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17225, name=somite 42,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 1847 | | | |
|----------------------------|--|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17225, name=somite 42, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17225 has parents [EMAPA:16860, EMAPA:31169] | | |

| Modified OBOComponent 1848 | | | |
|-------------------------------------|--|------|-----------------|
| ID | EMAPA:17205 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:17631[stomach pyloric region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17631, name=stomach pyloric region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1848 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:17205, name=stomach pyloric region muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17205 has name [muscularis] | | |

| Modified OBOComponent 1849 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:19236 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:17701[diaphragm] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17701, name=diaphragm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19236, name=arcuate ligament, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19236 has name [arcuate ligaments] | | |

| Modified OBOComponent 1850 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:19237 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:19236[arcuate ligament] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

| Modified OBOComponent 1850 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17701, name=diaphragm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19236, name=arcuate ligament, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:19237, name=medial arcuate ligament, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19237 has name [medial] | | |

| Modified OBOComponent 1851 | | | |
|-------------------------------|---|-------------|-----------------|
| ID | EMAPA:19238 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:19236[arcuate ligament] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17701, name=diaphragm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19236, name=arcuate ligament, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:19238, name=lateral arcuate ligament, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19238 has name [lateral] | | |

| Modified OBOComponent 1852 | | | |
|---|--|-------------|-----------------|
| ID | EMAPA:19234 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:18634[hindbrain venous dural sinus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18631, name=brain venous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18632, name=hindbrain venous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18633, name=hindbrain venous sinus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18634, name=hindbrain venous dural sinus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:19234, name=inferior petrosal sinus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19234 has name [inferior petrosal] | | |

| Modified OBOComponent 1853 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17213 | Name | Starts At |
| TS15 | Ends At | TS26 | Primary Parents |
| TH:00070[musculoskeletal system] EMAPA:16039[embryo] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1853 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17213 has parents [EMAPA:25765, EMAPA:16039] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17213 has parents [TH:00070, EMAPA:16039] | | |

| Modified OBOComponent 1854 | | | |
|---|--|------|-----------------|
| ID | EMAPA:28269 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:30449[juxtaglomerular complex] EMAPA:28266[afferent arteriole] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 1854

```
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31450, name=renal venous
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28266, name=afferent
arteriole, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28269, name=part of
afferent arteriole forming the juxtaglomerular
complex, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31563, name=developing
vasculature of urinary system GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28457, name=renal
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28266, name=afferent
arteriole, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28269, name=part of
afferent arteriole forming the juxtaglomerular
complex, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28457, name=renal
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
```

Modified OBOComponent 1854

```
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28266, name=afferent
arteriole, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28269, name=part of
afferent arteriole forming the juxtaglomerular
complex, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31469, name=small blood
vessels, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28266, name=afferent
arteriole, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28269, name=part of
afferent arteriole forming the juxtaglomerular
complex, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28236, name=mature renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
```


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```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28266, name=afferent
arteriole, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28269, name=part of
afferent arteriole forming the juxtaglomerular
complex, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:30449, name=juxtaglomerular
complex, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28269, name=part of
afferent arteriole forming the juxtaglomerular
complex, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28236, name=mature renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
```

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```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28266, name=afferent
arteriole, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28269, name=part of
afferent arteriole forming the juxtaglomerular
complex, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31450, name=renal venous
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28266, name=afferent
arteriole, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28269, name=part of
afferent arteriole forming the juxtaglomerular
complex, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
9. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31563, name=developing
vasculature of urinary system GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
```

Modified OBOComponent 1854

```
OBOComponent [ id=EMAPA:28457, name=renal
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28266, name=afferent
arteriole, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28269, name=part of
afferent arteriole forming the juxtaglomerular
complex, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
10. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28457, name=renal
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28266, name=afferent
arteriole, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28269, name=part of
afferent arteriole forming the juxtaglomerular
complex, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
11. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
```

Modified OBOComponent 1854

```
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31469, name=small blood
vessels, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28266, name=afferent
arteriole, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28269, name=part of
afferent arteriole forming the juxtaglomerular
complex, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
12. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28236, name=mature renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28266, name=afferent
arteriole, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28269, name=part of
afferent arteriole forming the juxtaglomerular
complex, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
13. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
```

Modified OBOComponent 1854

```
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:30449, name=juxtaglomerular
complex, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28269, name=part of
afferent arteriole forming the juxtaglomerular
complex, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
14. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28236, name=mature renal
corpusele, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28266, name=afferent
arteriole, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28269, name=part of
afferent arteriole forming the juxtaglomerular
complex, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
15. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
```

| Modified OBOComponent 1854 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:28236, name=mature renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28266, name=afferent arteriole, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28269, name=part of afferent arteriole forming the juxtaglomerular complex, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:28269 has synonyms [renin-producing cell] | | |

| Modified OBOComponent 1855 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:29794 | Name | Starts At |
| TS28 | Ends At | TS28 | Primary Parents |
| EMAPA:19287[prostate gland] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], | | |

| Modified OBOComponent 1855 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:19285, name=male accessory gland, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS28, present=0], OBOComponent [id=EMAPA:19287, name=prostate gland, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS28, present=0], OBOComponent [id=EMAPA:29794, name=anterior prostate gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:29794 has synonyms [coagulating gland] | | |

| Modified OBOComponent 1856 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:28263 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:28257[Bowman's capsule] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28491, name=mature nephron, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28236, name=mature renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28257, name=Bowman's capsule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28263, name=urinary space of renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

Modified OBOComponent 1856

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28236, name=mature renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28257, name=Bowman's
capsule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28263, name=urinary space
of renal corpuscle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28236, name=mature renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28257, name=Bowman's
capsule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28263, name=urinary space
```

Modified OBOComponent 1856

```
of renal corpuscle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28236, name=mature renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28257, name=Bowman's
capsule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28263, name=urinary space
of renal corpuscle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
```

| Modified OBOComponent 1856 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:28236, name=mature renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28257, name=Bowman's capsule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28263, name=urinary space of renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:28263 has synonyms [Bowman's space] | | |

| Modified OBOComponent 1857 | | | |
|-------------------------------------|---|------|-----------------|
| ID | EMAPA:28257 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:28236[mature renal corpuscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28491, name=mature nephron, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28236, name=mature renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28257, name=Bowman's capsule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system,</p> | | |

Modified OBOComponent 1857

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28236, name=mature renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28257, name=Bowman's
capsule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28236, name=mature renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28257, name=Bowman's
capsule, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
```

Modified OBOComponent 1857

| | | | |
|--|--|-------------|---------|
| <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17952, name=renal cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28236, name=mature renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28257, name=Bowman's capsule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]]</p> | | | |
| <p>5. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28236, name=mature renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28257, name=Bowman's capsule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]]</p> | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | <p>1. Different Synonyms - Referenced OBOComponent EMAPA:28257 has synonyms [glomerular capsule]</p> | | |

Modified OBOComponent 1858

| | | | |
|----|-------------|------|-----------|
| ID | EMAPA:17202 | Name | Starts At |
| | | | |

| Modified OBOComponent 1858 | | | |
|---------------------------------------|--|-------------|-----------------|
| TS18 | Ends At | TS26 | Primary Parents |
| EMAPA:16840[liver and biliary system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:17202, name=gall bladder, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17202 has synonyms [gall bladder gland] | | |

| Modified OBOComponent 1859 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17203 | Name | Starts At |
| TS18 | Ends At | TS26 | Primary Parents |
| EMAPA:16846[liver] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16840, name=liver and biliary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], | | |

| Modified OBOComponent 1859 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16846, name=liver, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:17203, name=liver parenchyma, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:17203 has End Stage TS21 | | |
| | 2. Different Name - Referenced OBOComponent EMAPA:17203 has name [parenchyma] | | |

| Modified OBOComponent 1860 | | | |
|------------------------------|--|------|-----------------|
| ID | EMAPA:28254 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:28239[glomerular tuft] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28491, name=mature nephron, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28236, name=mature renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28239, name=glomerular tuft, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28254, name=visceral epithelium of mature renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, | | |

Modified OBOComponent 1860

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28236, name=mature renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28239, name=glomerular
tuft, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28254, name=visceral
epithelium of mature renal corpuscle,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28236, name=mature renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28239, name=glomerular
tuft, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28254, name=visceral
epithelium of mature renal corpuscle,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
```

Modified OBOComponent 1860

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28236, name=mature renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28239, name=glomerular
tuft, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28254, name=visceral
epithelium of mature renal corpuscle,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS25, end=TS28, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28236, name=mature renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28239, name=glomerular
tuft, statusChange=CHANGED, statusRule=PASSED,
```

| Modified OBOComponent 1860 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28254, name=visceral epithelium of mature renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:28254 has synonyms [podocyte layer] | | |

| Modified OBOComponent 1861 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16509 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16508[rhombomere 08] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16508, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16509, name=rhombomere 08 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> | | |

| Modified OBOComponent 1861 | | | |
|----------------------------|---|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16508, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16509, name=rhombomere 08 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16509 has name [floor plate] | | |

| Modified OBOComponent 1862 | | | |
|--|---|------|-----------------|
| ID | EMAPA:16508 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| TH:00183[rhombomere] EMAPA:16478[future rhombencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1862 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16508, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16508, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16508 has parents [TH:00183, EMAPA:16478] | | |

| Modified OBOComponent 1863 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16501 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16500[rhombomere 06] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

Modified OBOComponent 1863

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16471, name=future brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16478, name=future
rhombencephalon, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16500, name=rhombomere 06,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16501, name=rhombomere 06
floor plate, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16471, name=future brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16478, name=future
rhombencephalon, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=TH:00183, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16500, name=rhombomere 06,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16501, name=rhombomere 06
floor plate, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ]]
```

Rule Status

PASSED

Edit Status

CHANGED

| Modified OBOComponent 1863 | |
|----------------------------|--|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16501 has name [floor plate] |

| Modified OBOComponent 1864 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16500 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16478[future rhombencephalon] TH:00183[rhombomere] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16500, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1864 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16500, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16500 has parents [EMAPA:16478, TH:00183] | | |

| Modified OBOComponent 1865 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16503 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16500[rhombomere 06] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16500, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16503, name=rhombomere 06 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 1865

| | | | |
|---|---|-------------|---------|
| <pre>group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16500, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16503, name=rhombomere 06 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]]</pre> | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16503 has name [roof plate] | | |

Modified OBOComponent 1866

| | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16502 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16500[rhombomere 06] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], | | |

| Modified OBOComponent 1866 | | | |
|----------------------------|--|-------------|---------|
| | <div>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</div> <div>OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</div> <div>OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</div> <div>OBOComponent [id=EMAPA:16500, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</div> <div>OBOComponent [id=EMAPA:16502, name=rhombomere 06 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]]</div> | | |
| | <div>2. [</div> <div>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</div> <div>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</div> <div>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</div> <div>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</div> <div>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</div> <div>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</div> <div>OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</div> <div>OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</div> <div>OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</div> <div>OBOComponent [id=EMAPA:16500, name=rhombomere 06, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</div> <div>OBOComponent [id=EMAPA:16502, name=rhombomere 06 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]]</div> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16502 has name [lateral wall] | | |

| Modified OBOComponent 1867 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:16505 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| | | | |

| Modified OBOComponent 1867 | | |
|----------------------------|--|---------------|
| EMAPA:16504[rhombomere 07] | | Group Parents |
| | | Synonyms |
| [] | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16504, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16505, name=rhombomere 07 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false,</p> | |

| Modified OBOComponent 1867 | | | |
|----------------------------|--|-------------|---------|
| | start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16504, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16505, name=rhombomere 07 floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16505 has name [floor plate] | | |

| Modified OBOComponent 1868 | | | |
|--|---|------|-----------------|
| ID | EMAPA:16504 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| TH:00183[rhombomere] EMAPA:16478[future rhombencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16504, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

| Modified OBOComponent 1868 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16504, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16504 has parents [TH:00183, EMAPA:16478] | | |

| Modified OBOComponent 1869 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16507 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16504[rhombomere 07] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, | | |

| Modified OBOComponent 1869 | | | |
|----------------------------|--|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16504, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16507, name=rhombomere 07 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16504, name=rhombomere 07, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16507, name=rhombomere 07 roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16507 has name [roof plate] | | |

| Modified OBOComponent 1870 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16506 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16504[rhombomere 07] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 1870

```
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16471, name=future brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16478, name=future
rhombencephalon, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16504, name=rhombomere 07,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16506, name=rhombomere 07
lateral wall, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16471, name=future brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16478, name=future
rhombencephalon, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=TH:00183, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16504, name=rhombomere 07,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16506, name=rhombomere 07
```

| Modified OBOComponent 1870 | | | |
|----------------------------|---|-------------|---------|
| | lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16506 has name [lateral wall] | | |

| Modified OBOComponent 1871 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16510 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16508[rhombomere 08] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16508, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16510, name=rhombomere 08 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> | | |

| Modified OBOComponent 1871 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16478, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00183, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16508, name=rhombomere 08, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16510, name=rhombomere 08 lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16510 has name [lateral wall] | | |

| Modified OBOComponent 1872 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:19201 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:19018[ethmoid bone] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18022, name=viscerocranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], | | |

| Modified OBOComponent 1872 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:19018, name=ethmoid bone, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19201, name=ethmoid bone cribriform plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18022, name=viscerocranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19018, name=ethmoid bone, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19201, name=ethmoid bone cribriform plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19201 has name [cribriform plate] | | |

| Modified OBOComponent 1873 | | | |
|----------------------------------|---|------|-----------------|
| ID | EMAPA:16519 | Name | Starts At |
| TS14 | Ends At | TS14 | Primary Parents |
| EMAPA:16514[future diencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1873 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16512, name=prosencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0], OBOComponent [id=EMAPA:16514, name=future diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0], OBOComponent [id=EMAPA:16519, name=future diencephalon roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16519 has name [roof plate] | | |

| Modified OBOComponent 1874 | | | |
|-----------------------------|--|-------------|-----------------|
| ID | EMAPA:19205 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19204[forelimb joint] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19204, name=forelimb joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19205, name=radio-carpal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:19205 has synonyms [wrist joint] | | |

| Modified OBOComponent 1875 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:19204 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |

| Modified OBOComponent 1875 | | | |
|----------------------------|--|---------------|---------|
| EMAPA:17412[forelimb] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19204, name=forelimb joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19204 has name [joint] | | |

| Modified OBOComponent 1876 | | | |
|-----------------------------|---|------|-----------------|
| ID | EMAPA:16513 | Name | Starts At |
| TS14 | Ends At | TS14 | Primary Parents |
| EMAPA:16512[prosencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16512, name=prosencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0], OBOComponent [id=EMAPA:16513, name=prosencephalon | | |

| Modified OBOComponent 1876 | | | |
|----------------------------|--|-------------|---------|
| | floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16513 has name [floor plate] | | |

| Modified OBOComponent 1877 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:16512 | Name | Starts At |
| TS14 | Ends At | TS14 | Primary Parents |
| EMAPA:16471[future brain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16512, name=prosencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16512 has synonyms [future forebrain] | | |

| Modified OBOComponent 1878 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16511 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16508[rhombomere 08] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 1878

```
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16471, name=future brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16478, name=future
rhombencephalon, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16508, name=rhombomere 08,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16511, name=rhombomere 08
roof plate, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16471, name=future brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16478, name=future
rhombencephalon, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=TH:00183, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16508, name=rhombomere 08,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16511, name=rhombomere 08
roof plate, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ]]
```


| Modified OBOComponent 1878 | | | |
|----------------------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16511 has name [roof plate] | | |

| Modified OBOComponent 1879 | | | |
|----------------------------------|---|-------------|-----------------|
| ID | EMAPA:16518 | Name | Starts At |
| TS14 | Ends At | TS14 | Primary Parents |
| EMAPA:16514[future diencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16512, name=prosencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0], OBOComponent [id=EMAPA:16514, name=future diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0], OBOComponent [id=EMAPA:16518, name=future diencephalon neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16518 has name [neural crest] | | |

| Modified OBOComponent 1880 | | | |
|----------------------------------|--|------|-----------------|
| ID | EMAPA:16517 | Name | Starts At |
| TS14 | Ends At | TS14 | Primary Parents |
| EMAPA:16514[future diencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 1880 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16512, name=prosencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0], OBOComponent [id=EMAPA:16514, name=future diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0], OBOComponent [id=EMAPA:16517, name=future diencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16517 has name [lateral wall] | | |

| Modified OBOComponent 1881 | | | |
|----------------------------------|--|------|-----------------|
| ID | EMAPA:16516 | Name | Starts At |
| TS14 | Ends At | TS14 | Primary Parents |
| EMAPA:16514[future diencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1881 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16512, name=prosencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0], OBOComponent [id=EMAPA:16514, name=future diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0], OBOComponent [id=EMAPA:16516, name=future diencephalon floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16516 has name [floor plate] | | |

| Modified OBOComponent 1882 | | | |
|--|--|------|-----------------|
| ID | EMAPA:16515 | Name | Starts At |
| TS14 | Ends At | TS14 | Primary Parents |
| EMAPA:16514[future diencephalon] TH:00035[brain ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00035, name=brain ventricle, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16515, name=3rd ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

| Modified OBOComponent 1882 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16512, name=prosencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0], OBOComponent [id=EMAPA:16514, name=future diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0], OBOComponent [id=EMAPA:16515, name=3rd ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16515 has parents [EMAPA:16514, TH:00035] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16515 has synonyms [diencephalic vesicle] | | |

| Modified OBOComponent 1883 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:16520 | Name | Starts At |
| TS14 | Ends At | TS14 | Primary Parents |
| EMAPA:16512[prosencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1883 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16512, name=prosencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0], OBOComponent [id=EMAPA:16520, name=prosencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16520 has name [lateral wall] | | |

| Modified OBOComponent 1884 | | | |
|---------------------------------|--|-------------|-----------------|
| ID | EMAPA:16526 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16525[future spinal cord] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16525, name=future spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16526, name=caudal neuropore, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16526 has synonyms [posterior neuropore] | | |

| Modified OBOComponent 1885 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:16529 | Name | Starts At |
| TS14 | Ends At | TS14 | Primary Parents |
| EMAPA:16528[neural fold] | | | Group Parents |
| | | | |

| Modified OBOComponent 1885 | | | |
|----------------------------|---|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16525, name=future spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16527, name=neural plate, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0], OBOComponent [id=EMAPA:16528, name=neural fold, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0], OBOComponent [id=EMAPA:16529, name=future spinal cord neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16529 has name [neural crest] | | |

| Modified OBOComponent 1886 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:16523 | Name | Starts At |
| TS14 | Ends At | TS14 | Primary Parents |
| EMAPA:16512[prosencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, | | |

| Modified OBOComponent 1886 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16512, name=prosencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0], OBOComponent [id=EMAPA:16523, name=rostral neuropore, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16523 has synonyms [anterior neuropore] | | |

| Modified OBOComponent 1887 | | | |
|-----------------------------|---|-------------|-----------------|
| ID | EMAPA:16522 | Name | Starts At |
| TS14 | Ends At | TS14 | Primary Parents |
| EMAPA:16512[prosencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16512, name=prosencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0], OBOComponent [id=EMAPA:16522, name=prosencephalon roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16522 has name [roof plate] | | |

| Modified OBOComponent 1888 | | | |
|-----------------------------|---|-------------|-----------------|
| ID | EMAPA:16524 | Name | Starts At |
| TS14 | Ends At | TS14 | Primary Parents |
| EMAPA:16512[prosencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16512, name=prosencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0], OBOComponent [id=EMAPA:16524, name=prosencephalon neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16524 has name [neural crest] | | |

| Modified OBOComponent 1889 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16531 | Name | Starts At |
| TS14 | Ends At | TS19 | Primary Parents |
| EMAPA:16530[neural tube] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1889 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16525, name=future spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16530, name=neural tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16531, name=neural tube floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16531 has name [floor plate] | | |

| Modified OBOComponent 1890 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:16532 | Name | Starts At |
| TS14 | Ends At | TS19 | Primary Parents |
| EMAPA:16530[neural tube] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16525, name=future spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16530, name=neural tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16532, name=neural tube lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16532 has name [lateral wall] | | |

| Modified OBOComponent 1891 | | | |
|-----------------------------|---|-------------|-----------------|
| ID | EMAPA:16539 | Name | Starts At |
| TS14 | Ends At | TS14 | Primary Parents |
| EMAPA:16322[optic eminence] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16322, name=optic eminence, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS14, present=0], OBOComponent [id=EMAPA:16539, name=optic eminence surface ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16539 has name [surface ectoderm] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16539 has synonyms [surface epithelium] | | |

| Modified OBOComponent 1892 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16538 | Name | Starts At |
| TS14 | Ends At | TS15 | Primary Parents |
| EMAPA:16536[otic pit] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1892 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16536, name=otic pit, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS15, present=0], OBOComponent [id=EMAPA:16538, name=otic pit epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS15, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16538 has name [epithelium] | | |

| Modified OBOComponent 1893 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:16537 | Name | Starts At |
| TS14 | Ends At | TS15 | Primary Parents |
| EMAPA:16536[otic pit] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16536, name=otic pit, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS15, present=0], OBOComponent [id=EMAPA:16537, name=otic pit associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS15, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16537 has name [associated mesenchyme] | | |

| Modified OBOComponent 1894 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:16535 | Name | Starts At |
| TS14 | Ends At | TS19 | Primary Parents |
| EMAPA:16530[neural tube] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16525, name=future spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16530, name=neural tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16535, name=neural tube roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16535 has name [roof plate] | | |

| Modified OBOComponent 1895 | | | |
|---|---|------|-----------------|
| ID | EMAPA:29735 | Name | Starts At |
| TS28 | Ends At | TS28 | Primary Parents |
| EMAPA:29733[epidermal layer of scrotum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 1895

```
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17381, name=reproductive
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17968, name=male
reproductive system, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:30977, name=male external
genitalia, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS23,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19296, name=scrotum,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS28, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:29733, name=epidermal layer
of scrotum, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS28, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:29735, name=basal epidermal
layer of scrotum, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS28, end=TS28, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17381, name=reproductive
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17968, name=male
reproductive system, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:30977, name=male external
genitalia, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS23,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19296, name=scrotum,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS28, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:29733, name=epidermal layer
of scrotum, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS28, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:29735, name=basal epidermal
layer of scrotum, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS28, end=TS28, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
```

| Modified OBOComponent 1895 | | | |
|----------------------------|--|---|---------|
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:19296, name=scrotum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0], OBOComponent [id=EMAPA:29733, name=epidermal layer of scrotum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0], OBOComponent [id=EMAPA:29735, name=basal epidermal layer of scrotum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:29735 has name [basal layer] | | |

| Modified OBOComponent 1896 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16533 | Name | Starts At |
| TS14 | Ends At | TS19 | Primary Parents |
| EMAPA:16530[neural tube] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1896 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16525, name=future spinal cord, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16530, name=neural tube, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:16533, name=neural lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16533 has synonyms [future spinal canal] | | |

| Modified OBOComponent 1897 | | | |
|--------------------------------------|---|------|-----------------|
| ID | EMAPA:29741 | Name | Starts At |
| TS28 | Ends At | TS28 | Primary Parents |
| EMAPA:29739[dermal layer of scrotum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:30977, name=male external genitalia, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS23, end=TS28, present=0], OBOComponent [id=EMAPA:19296, name=scrotum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0], OBOComponent [id=EMAPA:29739, name=dermal layer of scrotum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0], OBOComponent [id=EMAPA:29741, name=dermal layer of scrotum hair follicle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> | | |

Modified OBOComponent 1897

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group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17381, name=reproductive
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17968, name=male
reproductive system, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:30977, name=male external
genitalia, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS23,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19296, name=scrotum,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS28, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:29739, name=dermal layer of
scrotum, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS28, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:29741, name=dermal layer of
scrotum hair follicle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS28, end=TS28, present=0 ]]

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```

3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17381, name=reproductive
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17968, name=male
reproductive system, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19296, name=scrotum,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS28, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:29739, name=dermal layer of
scrotum, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS28, end=TS28, present=0 ],

```

| Modified OBOComponent 1897 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:29741, name=dermal layer of scrotum hair follicle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:29741 has name [hair follicle] | | |

| Modified OBOComponent 1898 | | | |
|--------------------------------------|--|------|-----------------|
| ID | EMAPA:29743 | Name | Starts At |
| TS28 | Ends At | TS28 | Primary Parents |
| EMAPA:29739[dermal layer of scrotum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:30977, name=male external genitalia, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS23, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:19296, name=scrotum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:29739, name=dermal layer of scrotum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:29743, name=dermal layer of scrotum sweat gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system,</p> | | |

Modified OBOComponent 1898

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17381, name=reproductive
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17968, name=male
reproductive system, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:30977, name=male external
genitalia, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS23,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19296, name=scrotum,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS28, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:29739, name=dermal layer of
scrotum, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS28, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:29743, name=dermal layer of
scrotum sweat gland, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS28, end=TS28, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17381, name=reproductive
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17968, name=male
reproductive system, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19296, name=scrotum,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS28, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:29739, name=dermal layer of
scrotum, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS28, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:29743, name=dermal layer of
scrotum sweat gland, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS28, end=TS28, present=0 ]]
```

| | | | |
|-------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:29743 has name [sweat gland] | | |

| Modified OBOComponent 1899 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:16541 | Name | Starts At |
| TS14 | Ends At | TS14 | Primary Parents |
| EMAPA:16540[optic vesicle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16540, name=optic vesicle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS15, present=0], OBOComponent [id=EMAPA:16541, name=optic vesicle neural ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16541 has name [neural ectoderm] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16541 has synonyms [neural epithelium] | | |

| Modified OBOComponent 1900 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18117 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:17468[hindlimb digit 3 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 1900

```
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17468, name=hindlimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18117, name=hindlimb digit
3 phalanx cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17468, name=hindlimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18117, name=hindlimb digit
3 phalanx cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
```

Modified OBOComponent 1900

| | | | |
|--|--|-------------|---------|
| dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17468, name=hindlimb digit 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18117, name=hindlimb digit 3 phalanx cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | | |
| 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17468, name=hindlimb digit 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18117, name=hindlimb digit 3 phalanx cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18117 has name [phalanx cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18117 has synonyms [phalangeal cartilage condensation] | | |

Modified OBOComponent 1901

| | | | |
|--|--|--|--|
| | | | |
|--|--|--|--|

| Modified OBOComponent 1901 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:18118 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17466[hindlimb digit 3] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18118, name=hindlimb digit 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18118, name=hindlimb digit 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>3. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy,</p> | | |

Modified OBOComponent 1901

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18118, name=hindlimb digit
3 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18118, name=hindlimb digit
3 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18118 has name [skin] | | |

Modified OBOComponent 1902

| | | | |
|------------------------------------|-------------|------|-----------------|
| ID | EMAPA:18119 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18118[hindlimb digit 3 skin] | | | Group Parents |

| Modified OBOComponent 1902 | |
|----------------------------|---|
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18118, name=hindlimb digit 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18119, name=hindlimb digit 3 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18118, name=hindlimb digit 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18119, name=hindlimb digit 3 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> |

Modified OBOComponent 1902

```

3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18118, name=hindlimb digit
3 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18119, name=hindlimb digit
3 dermis, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]

```

```

4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18118, name=hindlimb digit
3 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18119, name=hindlimb digit
3 dermis, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]

```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent | | |

Modified OBOComponent 1902

| |
|-------------------------------|
| EMAPA:18119 has name [dermis] |
|-------------------------------|

Modified OBOComponent 1903

| | | | |
|--|-------------|------|-----------------|
| ID | EMAPA:18121 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:17471[hindlimb digit 4 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

Alternate Paths

```
1. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17471, name=hindlimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18121, name=hindlimb digit
4 metatarsus cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

Modified OBOComponent 1903

```
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17471, name=hindlimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18121, name=hindlimb digit
4 metatarsus cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17471, name=hindlimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18121, name=hindlimb digit
4 metatarsus cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
```

| Modified OBOComponent 1903 | | | |
|----------------------------|--|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17471, name=hindlimb digit 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18121, name=hindlimb digit 4 metatarsus cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18121 has name [metatarsus cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18121 has synonyms [metatarsal cartilage condensation] | | |

| Modified OBOComponent 1904 | | | |
|------------------------------------|---|------|-----------------|
| ID | EMAPA:18120 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18118[hindlimb digit 3 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit 3, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18118, name=hindlimb digit 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18120, name=hindlimb digit 3 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | 2. [| | |

Modified OBOComponent 1904

```
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18118, name=hindlimb digit
3 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18120, name=hindlimb digit
3 epidermis, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18118, name=hindlimb digit
3 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18120, name=hindlimb digit
3 epidermis, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
```

| Modified OBOComponent 1904 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18118, name=hindlimb digit 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18120, name=hindlimb digit 3 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18120 has name [epidermis] | | |

| Modified OBOComponent 1905 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:18123 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17469[hindlimb digit 4] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

Modified OBOComponent 1905

```

start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18123, name=hindlimb digit
4 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]

2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18123, name=hindlimb digit
4 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]

3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18123, name=hindlimb digit
4 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]

4. [

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| Modified OBOComponent 1905 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18123, name=hindlimb digit 4 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18123 has name [skin] | | |

| Modified OBOComponent 1906 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18122 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:17471[hindlimb digit 4 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 1906

```
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17471, name=hindlimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18122, name=hindlimb digit
4 phalanx cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17471, name=hindlimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18122, name=hindlimb digit
4 phalanx cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
```

| Modified OBOComponent 1906 | | | |
|----------------------------|--|--|---------|
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17471, name=hindlimb digit 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18122, name=hindlimb digit 4 phalanx cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17471, name=hindlimb digit 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18122, name=hindlimb digit 4 phalanx cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18122 has name [phalanx cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18122 has synonyms [phalangeal cartilage condensation] | | |

| Modified OBOComponent 1907 | | | |
|------------------------------------|---|------|-----------------|
| ID | EMAPA:18125 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18123[hindlimb digit 4 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 1907

```
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18123, name=hindlimb digit
4 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18125, name=hindlimb digit
4 epidermis, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18123, name=hindlimb digit
4 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18125, name=hindlimb digit
4 epidermis, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
```

Modified OBOComponent 1907

```
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18123, name=hindlimb digit
4 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18125, name=hindlimb digit
4 epidermis, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18123, name=hindlimb digit
4 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18125, name=hindlimb digit
4 epidermis, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

| | | | |
|-------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18125 has name [epidermis] | | |

Modified OBOComponent 1908

| | | | |
|----|-------------|------|-----------|
| ID | EMAPA:18124 | Name | Starts At |
|----|-------------|------|-----------|

| Modified OBOComponent 1908 | | | |
|------------------------------------|---|------|-----------------|
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18123[hindlimb digit 4 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18123, name=hindlimb digit 4 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18124, name=hindlimb digit 4 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17469, name=hindlimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18123, name=hindlimb digit 4 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0],</p> | | |

Modified OBOComponent 1908

```
OBOComponent [ id=EMAPA:18124, name=hindlimb digit
4 dermis, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18123, name=hindlimb digit
4 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18124, name=hindlimb digit
4 dermis, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17469, name=hindlimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18123, name=hindlimb digit
4 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18124, name=hindlimb digit
4 dermis, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 1908 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18124 has name [dermis] | | |

| Modified OBOComponent 1909 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18127 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:17474[hindlimb digit 5 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17474, name=hindlimb digit 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18127, name=hindlimb digit 5 phalanx cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, | | |

Modified OBOComponent 1909

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17474, name=hindlimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18127, name=hindlimb digit
5 phalanx cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17474, name=hindlimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18127, name=hindlimb digit
5 phalanx cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
```

| Modified OBOComponent 1909 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17474, name=hindlimb digit 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18127, name=hindlimb digit 5 phalanx cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18127 has name [phalanx cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18127 has synonyms [phalangeal cartilage condensation] | | |

| Modified OBOComponent 1910 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18126 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:17474[hindlimb digit 5 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17474, name=hindlimb digit 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], | | |

Modified OBOComponent 1910

OBOComponent [id=EMAPA:18126, name=hindlimb digit 5 metatarsus cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]]

2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17474, name=hindlimb digit 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18126, name=hindlimb digit 5 metatarsus cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]]

3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17474, name=hindlimb digit 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]]

| Modified OBOComponent 1910 | | | |
|----------------------------|--|---|---------|
| | | start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18126, name=hindlimb digit 5 metatarsus cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17474, name=hindlimb digit 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18126, name=hindlimb digit 5 metatarsus cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18126 has name [metatarsus cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18126 has synonyms [metatarsal cartilage condensation] | | |

| Modified OBOComponent 1911 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:18108 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17460[hindlimb digit 1] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, | | |

Modified OBOComponent 1911

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18108, name=hindlimb digit
1 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18108, name=hindlimb digit
1 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
```

| Modified OBOComponent 1911 | | | |
|----------------------------|---|---|---------|
| | | OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18108, name=hindlimb digit 1 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18108, name=hindlimb digit 1 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18108 has name [skin] | | |

| Modified OBOComponent 1912 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:18109 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18108[hindlimb digit 1 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, | | |

Modified OBOComponent 1912

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18108, name=hindlimb digit
1 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18109, name=hindlimb digit
1 dermis, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18108, name=hindlimb digit
1 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18109, name=hindlimb digit
1 dermis, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
```

| Modified OBOComponent 1912 | | | |
|----------------------------|---|--|---------|
| | | OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18108, name=hindlimb digit 1 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18109, name=hindlimb digit 1 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18108, name=hindlimb digit 1 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18109, name=hindlimb digit 1 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18109 has name [dermis] | | |

| Modified OBOComponent 1913 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18106 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:17462[hindlimb digit 1 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

Modified OBOComponent 1913

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17462, name=hindlimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18106, name=hindlimb digit
1 metatarsus cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17462, name=hindlimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18106, name=hindlimb digit
1 metatarsus cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
```


Modified OBOComponent 1913

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17462, name=hindlimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18106, name=hindlimb digit
1 metatarsus cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17462, name=hindlimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18106, name=hindlimb digit
1 metatarsus cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

| | | | |
|-------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18106 has name [metatarsus cartilage | | |

| Modified OBOComponent 1913 | |
|----------------------------|---|
| | condensation] |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18106 has synonyms [metatarsal cartilage condensation] |

| Modified OBOComponent 1914 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18107 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:17462[hindlimb digit 1 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17462, name=hindlimb digit 1 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18107, name=hindlimb digit 1 phalanx cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> | | |

Modified OBOComponent 1914

```
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17462, name=hindlimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18107, name=hindlimb digit
1 phalanx cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17462, name=hindlimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18107, name=hindlimb digit
1 phalanx cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
```

| Modified OBOComponent 1914 | | | |
|----------------------------|---|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17462, name=hindlimb digit 1 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18107, name=hindlimb digit 1 phalanx cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18107 has name [phalanx cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18107 has synonyms [phalangeal cartilage condensation] | | |

| Modified OBOComponent 1915 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18112 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:17465[hindlimb digit 2 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17465, name=hindlimb digit 2 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18112, name=hindlimb digit | | |

Modified OBOComponent 1915

2 phalanx cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0]]

2. [
OBOComponent [id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0],
OBOComponent [id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0],
OBOComponent [id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0],
OBOComponent [id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0],
OBOComponent [id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:17465, name=hindlimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:18112, name=hindlimb digit
2 phalanx cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0]]

3. [
OBOComponent [id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0],
OBOComponent [id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0],
OBOComponent [id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0],
OBOComponent [id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0],
OBOComponent [id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0],
OBOComponent [id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:17465, name=hindlimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],

| Modified OBOComponent 1915 | | | |
|----------------------------|---|--------|---------------------|
| | OBOComponent [id=EMAPA:18112, name=hindlimb digit 2 phalanx cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17465, name=hindlimb digit 2 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18112, name=hindlimb digit 2 phalanx cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| | Rule Status | PASSED | Edit Status CHANGED |
| | Comments | | |
| | 1. Different Name - Referenced OBOComponent EMAPA:18112 has name [phalanx cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18112 has synonyms [phalangeal cartilage condensation] | | |

| Modified OBOComponent 1916 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18111 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:17465[hindlimb digit 2 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, | | |

Modified OBOComponent 1916

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17465, name=hindlimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18111, name=hindlimb digit
2 metatarsus cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17465, name=hindlimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18111, name=hindlimb digit
2 metatarsus cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
```

Modified OBOComponent 1916

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17465, name=hindlimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18111, name=hindlimb digit
2 metatarsus cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17465, name=hindlimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18111, name=hindlimb digit
2 metatarsus cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | <p>1. Different Name - Referenced OBOComponent EMAPA:18111 has name [metatarsus cartilage condensation]</p> <p>2. Different Synonyms - Referenced OBOComponent EMAPA:18111 has synonyms [metatarsal cartilage condensation]</p> | | |

Modified OBOComponent 1917

| Modified OBOComponent 1917 | | | |
|------------------------------------|---|------|-----------------|
| ID | EMAPA:18110 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18108[hindlimb digit 1 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <pre> 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18108, name=hindlimb digit 1 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18110, name=hindlimb digit 1 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17460, name=hindlimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18108, name=hindlimb digit 1 skin, statusChange=CHANGED, statusRule=PASSED, </pre> | | |

Modified OBOComponent 1917

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18110, name=hindlimb digit
1 epidermis, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18108, name=hindlimb digit
1 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18110, name=hindlimb digit
1 epidermis, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17460, name=hindlimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18108, name=hindlimb digit
1 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 1917 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18110, name=hindlimb digit 1 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18110 has name [epidermis] | | |

| Modified OBOComponent 1918 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18116 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:17468[hindlimb digit 3 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17468, name=hindlimb digit 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18116, name=hindlimb digit 3 metatarsus cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb,</p> | | |

Modified OBOComponent 1918

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17468, name=hindlimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18116, name=hindlimb digit
3 metatarsus cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17466, name=hindlimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17468, name=hindlimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18116, name=hindlimb digit
3 metatarsus cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
```


| Modified OBOComponent 1918 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17466, name=hindlimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17468, name=hindlimb digit 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18116, name=hindlimb digit 3 metatarsus cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18116 has name [metatarsus cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18116 has synonyms [metatarsal cartilage condensation] | | |

| Modified OBOComponent 1919 | | | |
|------------------------------------|---|------|-----------------|
| ID | EMAPA:18115 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18113[hindlimb digit 2 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], | | |

Modified OBOComponent 1919

```
OBOComponent [ id=EMAPA:18113, name=hindlimb digit
2 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18115, name=hindlimb digit
2 epidermis, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18113, name=hindlimb digit
2 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18115, name=hindlimb digit
2 epidermis, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18113, name=hindlimb digit
```

| Modified OBOComponent 1919 | | | |
|----------------------------|--|---|---------|
| | | 2 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18115, name=hindlimb digit 2 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18113, name=hindlimb digit 2 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18115, name=hindlimb digit 2 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18115 has name [epidermis] | | |

| Modified OBOComponent 1920 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:18114 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18113[hindlimb digit 2 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], | | |

Modified OBOComponent 1920

```
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18113, name=hindlimb digit
2 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18114, name=hindlimb digit
2 dermis, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18113, name=hindlimb digit
2 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18114, name=hindlimb digit
2 dermis, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

| Modified OBOComponent 1920 | | | |
|----------------------------|--|---|---------|
| | | start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18113, name=hindlimb digit 2 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18114, name=hindlimb digit 2 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18113, name=hindlimb digit 2 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18114, name=hindlimb digit 2 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18114 has name [dermis] | | |

| Modified OBOComponent 1921 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:18113 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17463[hindlimb digit 2] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

Modified OBOComponent 1921

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18113, name=hindlimb digit
2 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17463, name=hindlimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18113, name=hindlimb digit
2 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```


| Modified OBOComponent 1921 | | | |
|----------------------------|--|--|---------|
| | | group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18113, name=hindlimb digit 2 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17463, name=hindlimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18113, name=hindlimb digit 2 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18113 has name [skin] | | |

| Modified OBOComponent 1922 | | | |
|-------------------------------------|---|------|-----------------|
| ID | EMAPA:27499 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18915[stomach pyloric region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

| Modified OBOComponent 1922 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18915, name=stomach pyloric region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27499, name=stomach pyloric region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27499 has name [mucosa] | | |

| Modified OBOComponent 1923 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17291 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17290[saccule] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17286, name=inner ear vestibular component, statusChange=CHANGED, | | |

| Modified OBOComponent 1923 | | | |
|----------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17290, name=saccule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17291, name=saccule associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17291 has name [associated mesenchyme] | | |

| Modified OBOComponent 1924 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:17292 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17290[saccule] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17286, name=inner ear vestibular component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17290, name=saccule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17292, name=saccule epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17292 has name [epithelium] | | |

| Modified OBOComponent 1925 | | | |
|----------------------------|--|--|--|
| | | | |

| Modified OBOComponent 1925 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17294 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17293[utricule] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17286, name=inner ear vestibular component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17293, name=utricule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17294, name=utricule associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17294 has name [associated mesenchyme] | | |

| Modified OBOComponent 1926 | | | |
|---|---|------|-----------------|
| ID | EMAPA:27495 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27467[stomach proventricular region mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1926 | | | |
|----------------------------|--|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18910, name=stomach proventricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27467, name=stomach proventricular region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27495, name=stomach proventricular region muscularis mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27495 has name [muscularis mucosa] | | |

| Modified OBOComponent 1927 | | | |
|---|---|------|-----------------|
| ID | EMAPA:27491 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27467[stomach proventricular region mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1927 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18910, name=stomach proventricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27467, name=stomach proventricular region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27491, name=stomach proventricular region gastric gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27491 has name [gastric gland] | | |

| Modified OBOComponent 1928 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17299 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17293[utricle] TH:00290[semicircular canal] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17286, name=inner ear vestibular component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17293, name=utricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17299, name=superior semicircular canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |

| Modified OBOComponent 1928 | | | |
|----------------------------|---|-------------|---------|
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00290, name=semicircular canal, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17299, name=superior semicircular canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17299 has parents [EMAPA:17293, TH:00290] | | |

| Modified OBOComponent 1929 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17295 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17293[utricule] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], | | |

| Modified OBOComponent 1929 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17286, name=inner ear vestibular component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17293, name=utricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17295, name=utricle epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17295 has name [epithelium] | | |

| Modified OBOComponent 1930 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17296 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17293[utricle] TH:00290[semicircular canal] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17286, name=inner ear vestibular component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17293, name=utricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17296, name=posterior semicircular canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

| Modified OBOComponent 1930 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00290, name=semicircular canal, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17296, name=posterior semicircular canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17296 has parents [EMAPA:17293, TH:00290] | | |

| Modified OBOComponent 1931 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17297 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17296[posterior semicircular canal] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1931 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17286, name=inner ear vestibular component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17293, name=utricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17296, name=posterior semicircular canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17297, name=posterior semicircular canal associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00290, name=semicircular canal, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17296, name=posterior semicircular canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17297, name=posterior semicircular canal associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17297 has name [associated mesenchyme] | | |

| Modified OBOComponent 1932 | | | |
|---|-------------|------|-----------------|
| ID | EMAPA:17298 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17296[posterior semicircular canal] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

Modified OBOComponent 1932

Alternate Paths

```
1. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16192, name=sensory organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16193, name=ear,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16194, name=inner ear,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17286, name=inner ear
vestibular component, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17293, name=utricle,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17296, name=posterior
semicircular canal, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17298, name=posterior
semicircular canal epithelium,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16192, name=sensory organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16193, name=ear,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16194, name=inner ear,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=TH:00290, name=semicircular
canal, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS26, present=0 ],
```

| Modified OBOComponent 1932 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:17296, name=posterior semicircular canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17298, name=posterior semicircular canal epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17298 has name [epithelium] | | |

| Modified OBOComponent 1933 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:18103 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:18486[handplate skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18486, name=handplate skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18103, name=handplate rest of skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 1933 | | | |
|----------------------------|---|-------------|---------|
| | start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18486, name=handplate skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18103, name=handplate rest of skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18103 has name [rest of skin] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:18103 has parents [EMAPA:17428] | | |
| | 3. Different Parents - Referenced OBOComponent EMAPA:18103 has parents [EMAPA:18486] | | |

| Modified OBOComponent 1934 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18102 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| TH:00129[handplate cartilage condensation] EMAPA:17457[handplate mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17457, name=handplate mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00129, name=handplate cartilage condensation, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0], OBOComponent [id=EMAPA:18102, name=carpus cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 1934

```
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17457, name=handplate
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18102, name=carpus
cartilage condensation, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17457, name=handplate
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00129, name=handplate
cartilage condensation, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:18102, name=carpus
cartilage condensation, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
```

| Modified OBOComponent 1934 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17457, name=handplate mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18102, name=carpus cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:18102 has parents [TH:00129, EMAPA:17457] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18102 has synonyms [carpal cartilage condensation] | | |

| Modified OBOComponent 1935 | | | |
|-------------------------------------|--|------|-----------------|
| ID | EMAPA:18105 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:18103[handplate rest of skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18486, name=handplate skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18103, name=handplate rest of skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0], OBOComponent [id=EMAPA:18105, name=handplate rest | | |

| Modified OBOComponent 1935 | | | |
|----------------------------|---|-------------|---------|
| | of skin epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18486, name=handplate skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18103, name=handplate rest of skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0], OBOComponent [id=EMAPA:18105, name=handplate rest of skin epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18105 has name [epidermis] | | |

| Modified OBOComponent 1936 | | | |
|-------------------------------------|--|------|-----------------|
| ID | EMAPA:18104 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:18103[handplate rest of skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], | | |

| Modified OBOComponent 1936 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18486, name=handplate skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18103, name=handplate rest of skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0], OBOComponent [id=EMAPA:18104, name=handplate rest of skin dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18486, name=handplate skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18103, name=handplate rest of skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0], OBOComponent [id=EMAPA:18104, name=handplate rest of skin dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18104 has name [dermis] | | |

| Modified OBOComponent 1937 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18101 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18099[interdigital region between forelimb digits 4 and 5 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 1937

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17454, name=interdigital
region between forelimb digits 4 and 5,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18099, name=interdigital
region between forelimb digits 4 and 5 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18101, name=interdigital
region between forelimb digits 4 and 5 epidermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17454, name=interdigital
region between forelimb digits 4 and 5,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18099, name=interdigital
region between forelimb digits 4 and 5 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18101, name=interdigital
region between forelimb digits 4 and 5 epidermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
```


Modified OBOComponent 1937

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17454, name=interdigital
region between forelimb digits 4 and 5,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18099, name=interdigital
region between forelimb digits 4 and 5 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18101, name=interdigital
region between forelimb digits 4 and 5 epidermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17454, name=interdigital
region between forelimb digits 4 and 5,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18099, name=interdigital
region between forelimb digits 4 and 5 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18101, name=interdigital
region between forelimb digits 4 and 5 epidermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

| | | | |
|-----------------------------------|--|--------------------|---------|
| Modified OBOComponent 1937 | | | |
| <i>Rule Status</i> | PASSED | <i>Edit Status</i> | CHANGED |
| <i>Comments</i> | 1. Different Name - Referenced OBOComponent EMAPA:18101 has name [epidermis] | | |

| | | | |
|---|---|-------------|------------------------|
| Modified OBOComponent 1938 | | | |
| <i>ID</i> | EMAPA:18100 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:18099[interdigital region between forelimb digits 4 and 5 skin] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Primary Path</i> |
| <i>Alternate Paths</i> | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00142, name=forelimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17454, name=interdigital region between forelimb digits 4 and 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18099, name=interdigital region between forelimb digits 4 and 5 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18100, name=interdigital region between forelimb digits 4 and 5 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb,</p> | | |

Modified OBOComponent 1938

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17454, name=interdigital
region between forelimb digits 4 and 5,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18099, name=interdigital
region between forelimb digits 4 and 5 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18100, name=interdigital
region between forelimb digits 4 and 5 dermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17454, name=interdigital
region between forelimb digits 4 and 5,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18099, name=interdigital
region between forelimb digits 4 and 5 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18100, name=interdigital
region between forelimb digits 4 and 5 dermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
```

| Modified OBOComponent 1938 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17454, name=interdigital region between forelimb digits 4 and 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18099, name=interdigital region between forelimb digits 4 and 5 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18100, name=interdigital region between forelimb digits 4 and 5 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18100 has name [dermis] | | |

| Modified OBOComponent 1939 | | | |
|---------------------------------------|---|------|-----------------|
| ID | EMAPA:17282 | Name | Starts At |
| TS19 | Ends At | TS24 | Primary Parents |
| EMAPA:17281[future tympanic membrane] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16991, name=external ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17281, name=future tympanic membrane, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS24, present=0], OBOComponent [id=EMAPA:17282, name=future tympanic membrane epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS24, present=0]] | | |

| Modified OBOComponent 1939 | | | |
|----------------------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17282 has name [epithelium] | | |

| Modified OBOComponent 1940 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:17283 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:16194[inner ear] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17283, name=endolymphatic appendage, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17283 has synonyms [diverticulum] | | |

| Modified OBOComponent 1941 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17280 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:16991[external ear] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1941 | | | |
|----------------------------|---|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16991, name=external ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17280, name=auditory hillocks, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17280 has synonyms [auditory tubercles] | | |

| Modified OBOComponent 1942 | | | |
|---|---|------|-----------------|
| ID | EMAPA:27487 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27467[stomach proventricular region mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18910, name=stomach proventricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27467, name=stomach proventricular region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 1942 | | | |
|----------------------------|---|-------------|---------|
| | start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27487, name=stomach proventricular region lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27487 has name [lamina propria] | | |

| Modified OBOComponent 1943 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:17281 | Name | Starts At |
| TS19 | Ends At | TS24 | Primary Parents |
| EMAPA:16991[external ear] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16991, name=external ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17281, name=future tympanic membrane, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS24, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17281 has synonyms [1st branchial membrane] | | |

| Modified OBOComponent 1944 | | | |
|------------------------------|---|------|-----------------|
| ID | EMAPA:17288 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17287[ductus reuniens] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

| Modified OBOComponent 1944 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17286, name=inner ear vestibular component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17287, name=ductus reuniens, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17288, name=ductus reuniens associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17288 has name [associated mesenchyme] | | |

| Modified OBOComponent 1945 | | | |
|------------------------------|---|------|-----------------|
| ID | EMAPA:17289 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17287[ductus reuniens] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, | | |

| Modified OBOComponent 1945 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17286, name=inner ear vestibular component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17287, name=ductus reuniens, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17289, name=ductus reuniens epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17289 has name [epithelium] | | |

| Modified OBOComponent 1946 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17286 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:16194[inner ear] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17286, name=inner ear vestibular component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17286 has name [vestibular component] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17286 has synonyms [vestibular apparatus] | | |

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| Modified OBOComponent 1947 | | | |
|--------------------------------------|---|-------------|-----------------|
| ID | EMAPA:17284 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17283[endolymphatic appendage] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17283, name=endolymphatic appendage, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17284, name=endolymphatic appendage associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17284 has name [associated mesenchyme] | | |

| Modified OBOComponent 1948 | | | |
|--------------------------------------|--|------|-----------------|
| ID | EMAPA:17285 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17283[endolymphatic appendage] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], | | |

| Modified OBOComponent 1948 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17283, name=endolymphatic appendage, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17285, name=endolymphatic appendage epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17285 has name [epithelium] | | |

| Modified OBOComponent 1949 | | | |
|--|---|------|-----------------|
| ID | EMAPA:27479 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18910[stomach proventricular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18910, name=stomach proventricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27479, name=stomach proventricular region serosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |

| Modified OBOComponent 1949 | | | |
|----------------------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27479 has name [serosa] | | |

| Modified OBOComponent 1950 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:27471 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18910[stomach proventricular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18910, name=stomach proventricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27471, name=stomach proventricular region submucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27471 has name [submucosa] | | |

| Modified OBOComponent 1951 | | | |
|---------------------------------------|--|------|-----------------|
| ID | EMAPA:17270 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:16984[autonomic nervous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 1951 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16984, name=autonomic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17270, name=parasympathetic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17270 has name [parasympathetic] | | |

| Modified OBOComponent 1952 | | | |
|--|--|------|-----------------|
| ID | EMAPA:27475 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18910[stomach proventricular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1952 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18910, name=stomach proventricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27475, name=stomach proventricular region muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27475 has name [muscularis] | | |

| Modified OBOComponent 1953 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17271 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| TH:00270[nerve] EMAPA:17270[parasympathetic nervous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00270, name=nerve, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17271, name=parasympathetic nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], | | |

| Modified OBOComponent 1953 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16984, name=autonomic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17270, name=parasympathetic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17271, name=parasympathetic nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17271 has name [nerve] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17271 has parents [TH:00270, EMAPA:17270] | | |

| Modified OBOComponent 1954 | | | |
|--|---|------|-----------------|
| ID | EMAPA:27467 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18910[stomach proventricular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18910, name=stomach proventricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27467, name=stomach proventricular region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 1954 | | | |
|----------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27467 has name [mucosa] | | |

| Modified OBOComponent 1955 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:18167 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18166[axial muscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18166, name=axial muscle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18167, name=axial skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18166, name=axial muscle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18167, name=axial skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> | | |
| Rule Status | PASSED | Edit Status | CHANGED |

Modified OBOComponent 1955

| | |
|----------|--|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18167 has name [skeletal muscle] |
|----------|--|

Modified OBOComponent 1956

| | | | |
|-------------------------------------|---|------|-----------------|
| ID | EMAPA:28239 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:28236[mature renal corpuscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <pre>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28491, name=mature nephron, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28236, name=mature renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28239, name=glomerular tuft, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0],</pre> | | |

Modified OBOComponent 1956

```
OBOComponent [ id=EMAPA:28236, name=mature renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28239, name=glomerular
tuft, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28236, name=mature renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28239, name=glomerular
tuft, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```


| Modified OBOComponent 1956 | | | |
|----------------------------|--|---|---------|
| | | group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28236, name=mature renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28239, name=glomerular tuft, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | |
| | | 5. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:28236, name=mature renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:28239, name=glomerular tuft, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:28239 has synonyms [glomerulus] | | |

| Modified OBOComponent 1957 | | | |
|-----------------------------|---|------|-----------------|
| ID | EMAPA:18160 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18159[upper leg skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 1957 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17499, name=upper leg, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18159, name=upper leg skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18160, name=upper leg dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18160 has name [dermis] | | |

| Modified OBOComponent 1958 | | | |
|-----------------------------|--|-------------|-----------------|
| ID | EMAPA:18161 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18159[upper leg skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17499, name=upper leg, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18159, name=upper leg skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18161, name=upper leg epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent | | |

Modified OBOComponent 1958

EMAPA:18161 has name [epidermis]

Modified OBOComponent 1959

| | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:17265 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17264[cranial nerve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

Alternate Paths

1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17265, name=accessory XI nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]]

2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00270, name=nerve, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false,]

| Modified OBOComponent 1959 | | | |
|----------------------------|---|-------------|---------|
| | start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17265, name=accessory XI nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17265 has name [accessory XI] | | |

| Modified OBOComponent 1960 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17264 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:17263[central nervous system nerve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 1960 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00270, name=nerve, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17264 has name [cranial] | | |
| | 2. Different Start Stage - Referenced OBOComponent EMAPA:17264 has Start Stage TS19 | | |

| Modified OBOComponent 1961 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17263 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| TH:00270[nerve] EMAPA:16470[central nervous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], | | |

| Modified OBOComponent 1961 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00270, name=nerve, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17263 has name [nerve] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17263 has parents [TH:00270, EMAPA:16470] | | |
| | 3. Different Start Stage - Referenced OBOComponent EMAPA:17263 has Start Stage TS19 | | |

| Modified OBOComponent 1962 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17262 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:16974[midbrain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16974, name=midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17262, name=midbrain roof, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17262 has name [roof] | | |

| |
|--|
| |
|--|

| Modified OBOComponent 1963 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17268 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17264[cranial nerve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17268, name=glossopharyngeal IX nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] </pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00270, name=nerve, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, </pre> | | |

| Modified OBOComponent 1963 | | | |
|----------------------------|--|-------------|---------|
| | start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17268, name=glossopharyngeal IX nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17268 has name [glossopharyngeal IX] | | |

| Modified OBOComponent 1964 | | | |
|--|---|------|-----------------|
| ID | EMAPA:28236 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:28491[mature nephron] EMAPA:17952[renal cortex] EMAPA:17954[early nephron GROUP] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28491, name=mature nephron, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS25, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28236, name=mature renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD,</p> | | |

Modified OBOComponent 1964

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newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17954, name=early nephron
GROUP, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28236, name=mature renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

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3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28491, name=mature nephron,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS25, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28236, name=mature renal
corpuscle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS28, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17952, name=renal cortex,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28236, name=mature renal
```

| Modified OBOComponent 1964 | | | |
|----------------------------|---|---|---------|
| | | corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] 5. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17954, name=early nephron GROUP, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:28236, name=mature renal corpuscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:28236 has synonyms [Malpighian corpuscle] | | |

| Modified OBOComponent 1965 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:17267 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17265[accessory XI nerve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous | | |

| Modified OBOComponent 1965 | | | |
|----------------------------|--|-------------|---------|
| | <p>system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17265, name=accessory XI nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17267, name=accessory XI nerve spinal component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00270, name=nerve, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17265, name=accessory XI nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17267, name=accessory XI nerve spinal component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]]</p> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17267 has name [spinal component] | | |

| Modified OBOComponent 1966 | | | |
|---------------------------------|-------------|------|-----------------|
| ID | EMAPA:17266 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17265[accessory XI nerve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

Modified OBOComponent 1966

Alternate Paths

```
1. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17263, name=central nervous
system nerve, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17264, name=cranial nerve,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17265, name=accessory XI
nerve, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17266, name=accessory XI
nerve cranial component, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00270, name=nerve,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17263, name=central nervous
system nerve, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17264, name=cranial nerve,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17265, name=accessory XI
nerve, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS26, present=0 ],
```


| Modified OBOComponent 1966 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:17266, name=accessory XI nerve cranial component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17266 has name [cranial component] | | |

| Modified OBOComponent 1967 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:27463 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27435[stomach glandular region mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18896, name=stomach glandular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27435, name=stomach glandular region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27463, name=stomach glandular region muscularis mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27463 has name [muscularis mucosa] | | |

| Modified OBOComponent 1968 | | | |
|----------------------------|-------------|------|-----------|
| ID | EMAPA:17261 | Name | Starts At |
| | | | |

| Modified OBOComponent 1968 | | | |
|-----------------------------|---|-------------|-----------------|
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:17082[myelencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17261, name=myencephalon roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17261 has name [roof plate] | | |

| Modified OBOComponent 1969 | | | |
|-----------------------------|---|------|-----------------|
| ID | EMAPA:17260 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:17082[myelencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1969 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17082, name=myelencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17260, name=myelencephalon floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17260 has name [floor plate] | | |

| Modified OBOComponent 1970 | | | |
|-----------------------------------|---|------|-----------------|
| ID | EMAPA:18155 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:17498[lower leg mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17496, name=lower leg, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17498, name=lower leg mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18155, name=tibia cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 1970 | | | |
|----------------------------|--|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18155 has synonyms [tibial cartilage condensation] | | |

| Modified OBOComponent 1971 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:18156 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17496[lower leg] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17496, name=lower leg, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18156, name=lower leg skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18156 has name [skin] | | |

| Modified OBOComponent 1972 | | | |
|--|---|------|-----------------|
| ID | EMAPA:27459 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27435[stomach glandular region mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

| Modified OBOComponent 1972 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18896, name=stomach glandular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27435, name=stomach glandular region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27459, name=stomach glandular region gastric gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27459 has name [gastric gland] | | |

| Modified OBOComponent 1973 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:18153 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18151[knee skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17493, name=knee, | | |

| Modified OBOComponent 1973 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18151, name=knee skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18153, name=knee epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18153 has name [epidermis] | | |

| Modified OBOComponent 1974 | | | |
|-----------------------------------|--|-------------|-----------------|
| ID | EMAPA:18154 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:17498[lower leg mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17496, name=lower leg, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17498, name=lower leg mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18154, name=fibular cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18154 has synonyms [fibulal cartilage condensation] | | |

| Modified OBOComponent 1975 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:18159 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| | | | |

| Modified OBOComponent 1975 | | | |
|----------------------------|--|---------------|---------|
| EMAPA:17499[upper leg] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17499, name=upper leg, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18159, name=upper leg skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18159 has name [skin] | | |

| Modified OBOComponent 1976 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:18157 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18156[lower leg skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17496, name=lower leg, | | |

| Modified OBOComponent 1976 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18156, name=lower leg skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18157, name=lower leg dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18157 has name [dermis] | | |

| Modified OBOComponent 1977 | | | |
|-----------------------------|---|-------------|-----------------|
| ID | EMAPA:18158 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18156[lower leg skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17496, name=lower leg, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18156, name=lower leg skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18158, name=lower leg epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18158 has name [epidermis] | | |

| Modified OBOComponent 1978 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:17259 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17071[metencephalon] | | | Group Parents |
| | | | Synonyms |
| | | | |

| Modified OBOComponent 1978 | | | |
|----------------------------|--|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17259, name=metencephalon roof, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17259 has name [roof] | | |

| Modified OBOComponent 1979 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18151 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17493[knee] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], | | |

| Modified OBOComponent 1979 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17493, name=knee, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18151, name=knee skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18151 has name [skin] | | |

| Modified OBOComponent 1980 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:18152 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18151[knee skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17493, name=knee, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18151, name=knee skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18152, name=knee dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18152 has name [dermis] | | |

| Modified OBOComponent 1981 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:18150 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18148[hip skin] | | | Group Parents |
| | | | |

| Modified OBOComponent 1981 | | | |
|----------------------------|---|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17490, name=hip, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18148, name=hip skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18150, name=hip epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18150 has name [epidermis] | | |

| Modified OBOComponent 1982 | | | |
|----------------------------------|--|------|-----------------|
| ID | EMAPA:17256 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:17066[pancreas primordium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1982 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:17065, name=foregut-midgut junction gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17066, name=pancreas primordium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS19, present=0], OBOComponent [id=EMAPA:17256, name=pancreas primordium ventral bud, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17256 has name [ventral bud] | | |

| Modified OBOComponent 1983 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17255 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:17253[leg] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16779, name=hindlimb bud, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS19, present=0], OBOComponent [id=EMAPA:17253, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:17255, name=leg mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17255 has name [mesenchyme] | | |

| Modified OBOComponent 1984 | | | |
|----------------------------|--|--|--|
| | | | |

| Modified OBOComponent 1984 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17258 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17071[metencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17071, name=metencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17258, name=metencephalon floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17258 has name [floor plate] | | |

| Modified OBOComponent 1985 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17257 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:16917[4th ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

Modified OBOComponent 1985

| | | | |
|-------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=TH:00036, name=brain ventricle, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16917, name=4th ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17257, name=4th ventricle lateral recess, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16917, name=4th ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17257, name=4th ventricle lateral recess, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17257 has name [lateral recess] | | |

Modified OBOComponent 1986

| | | | |
|----|-------------|------|-----------|
| ID | EMAPA:17252 | Name | Starts At |
|----|-------------|------|-----------|

| Modified OBOComponent 1986 | | | |
|----------------------------|---|-------------|-----------------|
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:17249[footplate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17249, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:17252, name=footplate mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16779, name=hindlimb bud, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS19, present=0], OBOComponent [id=EMAPA:17249, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:17252, name=footplate mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]]</p> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17252 has name [mesenchyme] | | |

| Modified OBOComponent 1987 | | | |
|-----------------------------------|-------------|------|-----------------|
| ID | EMAPA:17251 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| TH:00023[apical ectodermal ridge] | | | Group Parents |

| Modified OBOComponent 1987 | |
|---------------------------------|---|
| EMAPA:17250[footplate ectoderm] | |
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00083, name=limb ectoderm, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00023, name=apical ectodermal ridge, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS19, present=0], OBOComponent [id=EMAPA:17251, name=hindlimb bud apical ectodermal ridge, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17249, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:17250, name=footplate ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:17251, name=hindlimb bud apical ectodermal ridge, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]]</p> <p>3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> |

| Modified OBOComponent 1987 | | | |
|----------------------------|--|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16779, name=hindlimb bud, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS19, present=0], OBOComponent [id=EMAPA:17249, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:17250, name=footplate ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:17251, name=hindlimb bud apical ectodermal ridge, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17251 has name [apical ectodermal ridge] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17251 has parents [TH:00023, EMAPA:17250] | | |
| | 3. Different Synonyms - Referenced OBOComponent EMAPA:17251 has synonyms [AER] | | |

| Modified OBOComponent 1988 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17254 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:17253[leg] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16779, name=hindlimb bud, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS19, present=0], OBOComponent [id=EMAPA:17253, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:17254, name=leg ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17254 has name [ectoderm] | | |

| Modified OBOComponent 1989 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:27455 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27435[stomach glandular region mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18896, name=stomach glandular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27435, name=stomach glandular region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27455, name=stomach glandular region lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27455 has name [lamina propria] | | |

| Modified OBOComponent 1990 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17250 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:17249[footplate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

| Modified OBOComponent 1990 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17249, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:17250, name=footplate ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16779, name=hindlimb bud, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS19, present=0], OBOComponent [id=EMAPA:17249, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:17250, name=footplate ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17250 has name [ectoderm] | | |

| Modified OBOComponent 1991 | | | |
|---|---|------|-----------------|
| ID | EMAPA:18139 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18137[interdigital region between hindlimb digits 3 and 4 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

Modified OBOComponent 1991

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17482, name=interdigital
region between hindlimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18137, name=interdigital
region between hindlimb digits 3 and 4 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18139, name=interdigital
region between hindlimb digits 3 and 4 epidermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00159, name=hindlimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17482, name=interdigital
region between hindlimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18137, name=interdigital
region between hindlimb digits 3 and 4 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18139, name=interdigital
region between hindlimb digits 3 and 4 epidermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
```

Modified OBOComponent 1991

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17482, name=interdigital
region between hindlimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18137, name=interdigital
region between hindlimb digits 3 and 4 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18139, name=interdigital
region between hindlimb digits 3 and 4 epidermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00159, name=hindlimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17482, name=interdigital
region between hindlimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18137, name=interdigital
region between hindlimb digits 3 and 4 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18139, name=interdigital
region between hindlimb digits 3 and 4 epidermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

| | | | |
|-------------|--------|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| | | | |

| Modified OBOComponent 1991 | |
|----------------------------|--|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18139 has name [epidermis] |

| Modified OBOComponent 1992 | | | |
|-------------------------------------|---|------|-----------------|
| ID | EMAPA:18146 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:18145[footplate rest of skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18145, name=footplate rest of skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0], OBOComponent [id=EMAPA:18146, name=footplate rest of skin dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]]</pre> <p>2. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18145, name=footplate rest of skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0], OBOComponent [id=EMAPA:18146, name=footplate rest of skin dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD,</pre> | | |

| Modified OBOComponent 1992 | | | |
|----------------------------|---|---|---------|
| | | namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18146 has name [dermis] | | |

| Modified OBOComponent 1993 | | | |
|-------------------------------------|--|------|-----------------|
| ID | EMAPA:18147 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:18145[footplate rest of skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18145, name=footplate rest of skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0], OBOComponent [id=EMAPA:18147, name=footplate rest of skin epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]]</pre> <p>2. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18145, name=footplate rest of skin, statusChange=CHANGED, statusRule=PASSED,</pre> | | |

| Modified OBOComponent 1993 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0], OBOComponent [id=EMAPA:18147, name=footplate rest of skin epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18147 has name [epidermis] | | |

| Modified OBOComponent 1994 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:18148 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17490[hip] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17490, name=hip, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18148, name=hip skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18148 has name [skin] | | |

| Modified OBOComponent 1995 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18149 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18148[hip skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

| Modified OBOComponent 1995 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17490, name=hip, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18148, name=hip skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18149, name=hip dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18149 has name [dermis] | | |

| Modified OBOComponent 1996 | | | |
|---|---|------|-----------------|
| ID | EMAPA:18142 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18140[interdigital region between hindlimb digits 4 and 5 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17485, name=interdigital region between hindlimb digits 4 and 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18140, name=interdigital region between hindlimb digits 4 and 5 skin, | | |

Modified OBOComponent 1996

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statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18142, name=interdigital
region between hindlimb digits 4 and 5 epidermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00159, name=hindlimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17485, name=interdigital
region between hindlimb digits 4 and 5,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18140, name=interdigital
region between hindlimb digits 4 and 5 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18142, name=interdigital
region between hindlimb digits 4 and 5 epidermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17485, name=interdigital
region between hindlimb digits 4 and 5,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
```

| Modified OBOComponent 1996 | | | |
|----------------------------|--|--|---------|
| | | newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18140, name=interdigital region between hindlimb digits 4 and 5 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18142, name=interdigital region between hindlimb digits 4 and 5 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00159, name=hindlimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17485, name=interdigital region between hindlimb digits 4 and 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18140, name=interdigital region between hindlimb digits 4 and 5 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18142, name=interdigital region between hindlimb digits 4 and 5 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18142 has name [epidermis] | | |

| Modified OBOComponent 1997 | | | |
|---------------------------------------|--|------|-----------------|
| ID | EMAPA:27447 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18896[stomach glandular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

| Modified OBOComponent 1997 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18896, name=stomach glandular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27447, name=stomach glandular region serosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27447 has name [serosa] | | |

| Modified OBOComponent 1998 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18145 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:17459[footplate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18145, name=footplate rest of skin, statusChange=CHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 1998 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18145, name=footplate rest of skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18145 has name [rest of skin] | | |

| Modified OBOComponent 1999 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18140 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17485[interdigital region between hindlimb digits 4 and 5] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17485, name=interdigital region between hindlimb digits 4 and 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18140, name=interdigital | | |

Modified OBOComponent 1999

region between hindlimb digits 4 and 5 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0]]

2. [
OBOComponent [id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0],
OBOComponent [id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0],
OBOComponent [id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0],
OBOComponent [id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0],
OBOComponent [id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=TH:00159, name=hindlimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:17485, name=interdigital
region between hindlimb digits 4 and 5,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:18140, name=interdigital
region between hindlimb digits 4 and 5 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0]]

3. [
OBOComponent [id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0],
OBOComponent [id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0],
OBOComponent [id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0],
OBOComponent [id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0],
OBOComponent [id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0],
OBOComponent [id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:17485, name=interdigital
region between hindlimb digits 4 and 5,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:18140, name=interdigital
region between hindlimb digits 4 and 5 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0]]

4. [

| Modified OBOComponent 1999 | | | |
|---|---|-------------|---------|
| OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00159, name=hindlimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17485, name=interdigital region between hindlimb digits 4 and 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18140, name=interdigital region between hindlimb digits 4 and 5 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18140 has name [skin] | | |

| Modified OBOComponent 2000 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18141 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18140[interdigital region between hindlimb digits 4 and 5 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

Modified OBOComponent 2000

```
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17485, name=interdigital
region between hindlimb digits 4 and 5,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18140, name=interdigital
region between hindlimb digits 4 and 5 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18141, name=interdigital
region between hindlimb digits 4 and 5 dermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00159, name=hindlimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17485, name=interdigital
region between hindlimb digits 4 and 5,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18140, name=interdigital
region between hindlimb digits 4 and 5 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18141, name=interdigital
region between hindlimb digits 4 and 5 dermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

| Modified OBOComponent 2000 | | | |
|----------------------------|--|---|---------|
| | | start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17485, name=interdigital region between hindlimb digits 4 and 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18140, name=interdigital region between hindlimb digits 4 and 5 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18141, name=interdigital region between hindlimb digits 4 and 5 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00159, name=hindlimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17485, name=interdigital region between hindlimb digits 4 and 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18140, name=interdigital region between hindlimb digits 4 and 5 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18141, name=interdigital region between hindlimb digits 4 and 5 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18141 has name [dermis] | | |

| Modified OBOComponent 2001 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:17248 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:17245[handplate] | | | Group Parents |
| | | | Synonyms |
| | | | |

| Modified OBOComponent 2001 | | | |
|----------------------------|---|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | <div>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17245, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:17248, name=handplate mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]]</div> <div>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16406, name=forelimb bud, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:17245, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:17248, name=handplate mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]]</div> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17248 has name [mesenchyme] | | |

| Modified OBOComponent 2002 | | | |
|---|-------------|------|-----------------|
| ID | EMAPA:17249 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| TH:00093[autopod] EMAPA:16779[hindlimb bud] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [| | |

| Modified OBOComponent 2002 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17249, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16779, name=hindlimb bud, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS19, present=0], OBOComponent [id=EMAPA:17249, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17249 has parents [TH:00093, EMAPA:16779] | | |

| Modified OBOComponent 2003 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17247 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:17246[handplate ectoderm] TH:00023[apical ectodermal ridge] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 2003

```
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00083, name=limb ectoderm,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00023, name=apical ectodermal
ridge, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS16, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:17247, name=forelimb bud
apical ectodermal ridge, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS19, end=TS19, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17245, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:17246, name=handplate
ectoderm, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:17247, name=forelimb bud
apical ectodermal ridge, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS19, end=TS19, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16406, name=forelimb bud,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:17245, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:17246, name=handplate
ectoderm, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS19, present=0 ],
```


| Modified OBOComponent 2003 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:17247, name=forelimb bud apical ectodermal ridge, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17247 has name [apical ectodermal ridge] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17247 has parents [EMAPA:17246, TH:00023] | | |
| | 3. Different Synonyms - Referenced OBOComponent EMAPA:17247 has synonyms [AER] | | |

| Modified OBOComponent 2004 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17246 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:17245[handplate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17245, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:17246, name=handplate ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16406, name=forelimb bud, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:17245, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD,</p> | | |

| Modified OBOComponent 2004 | | | |
|----------------------------|---|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:17246, name=handplate ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17246 has name [ectoderm] | | |

| Modified OBOComponent 2005 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:17245 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:16406[forelimb bud] TH:00093[autopod] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17245, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16406, name=forelimb bud, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:17245, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]]</p> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17245 has parents [EMAPA:16406, TH:00093] | | |

| Modified OBOComponent 2006 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17244 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:17242[arm] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16406, name=forelimb bud, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:17242, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:17244, name=arm mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17244 has name [mesenchyme] | | |

| Modified OBOComponent 2007 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17243 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:17242[arm] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16406, name=forelimb bud, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS19, present=0], OBOComponent [id=EMAPA:17242, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], | | |

| Modified OBOComponent 2007 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:17243, name=arm ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17243 has name [ectoderm] | | |

| Modified OBOComponent 2008 | | | |
|---------------------------------------|--|-------------|-----------------|
| ID | EMAPA:27443 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18896[stomach glandular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18896, name=stomach glandular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27443, name=stomach glandular region muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27443 has name [muscularis] | | |

| Modified OBOComponent 2009 | | | |
|------------------------------------|-------------|------|-----------------|
| ID | EMAPA:18129 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18128[hindlimb digit 5 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

Modified OBOComponent 2009

Alternate Paths

```
1. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18128, name=hindlimb digit
5 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18129, name=hindlimb digit
5 dermis, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18128, name=hindlimb digit
5 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18129, name=hindlimb digit
5 dermis, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
```

Modified OBOComponent 2009

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18128, name=hindlimb digit
5 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18129, name=hindlimb digit
5 dermis, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18128, name=hindlimb digit
5 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18129, name=hindlimb digit
5 dermis, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18129 has name [dermis] | | |

| Modified OBOComponent 2010 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:18128 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17472[hindlimb digit 5] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18128, name=hindlimb digit 5 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18128, name=hindlimb digit 5 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>3. [</p> | | |

Modified OBOComponent 2010

```
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18128, name=hindlimb digit
5 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18128, name=hindlimb digit
5 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18128 has name [skin] | | |

Modified OBOComponent 2011

| | | | |
|------|-------------|------|-----------------|
| ID | EMAPA:27439 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |

| Modified OBOComponent 2011 | | | |
|---------------------------------------|---|---------------|---------|
| EMAPA:18896[stomach glandular region] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18896, name=stomach glandular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27439, name=stomach glandular region submucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27439 has name [submucosa] | | |

| Modified OBOComponent 2012 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18137 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17482[interdigital region between hindlimb digits 3 and 4] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, | | |

Modified OBOComponent 2012

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17482, name=interdigital
region between hindlimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18137, name=interdigital
region between hindlimb digits 3 and 4 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00159, name=hindlimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17482, name=interdigital
region between hindlimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18137, name=interdigital
region between hindlimb digits 3 and 4 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
```

| Modified OBOComponent 2012 | | | |
|----------------------------|---|--|---------|
| | | OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17482, name=interdigital region between hindlimb digits 3 and 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18137, name=interdigital region between hindlimb digits 3 and 4 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00159, name=hindlimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17482, name=interdigital region between hindlimb digits 3 and 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18137, name=interdigital region between hindlimb digits 3 and 4 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18137 has name [skin] | | |

| Modified OBOComponent 2013 | | | |
|---|---|------|-----------------|
| ID | EMAPA:18138 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18137[interdigital region between hindlimb digits 3 and 4 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 2013

```
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17482, name=interdigital
region between hindlimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18137, name=interdigital
region between hindlimb digits 3 and 4 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18138, name=interdigital
region between hindlimb digits 3 and 4 dermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00159, name=hindlimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17482, name=interdigital
region between hindlimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18137, name=interdigital
region between hindlimb digits 3 and 4 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18138, name=interdigital
region between hindlimb digits 3 and 4 dermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```


Modified OBOComponent 2013

```
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17482, name=interdigital
region between hindlimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18137, name=interdigital
region between hindlimb digits 3 and 4 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18138, name=interdigital
region between hindlimb digits 3 and 4 dermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00159, name=hindlimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17482, name=interdigital
region between hindlimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18137, name=interdigital
region between hindlimb digits 3 and 4 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18138, name=interdigital
region between hindlimb digits 3 and 4 dermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

| Modified OBOComponent 2013 | | | |
|----------------------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18138 has name [dermis] | | |

| Modified OBOComponent 2014 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18135 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18134[interdigital region between hindlimb digits 2 and 3 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17479, name=interdigital region between hindlimb digits 2 and 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18134, name=interdigital region between hindlimb digits 2 and 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18135, name=interdigital region between hindlimb digits 2 and 3 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</pre> <p>2. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD,</pre> | | |

Modified OBOComponent 2014

```
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00159, name=hindlimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17479, name=interdigital
region between hindlimb digits 2 and 3,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18134, name=interdigital
region between hindlimb digits 2 and 3 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18135, name=interdigital
region between hindlimb digits 2 and 3 dermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17479, name=interdigital
region between hindlimb digits 2 and 3,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18134, name=interdigital
region between hindlimb digits 2 and 3 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18135, name=interdigital
region between hindlimb digits 2 and 3 dermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
```

| Modified OBOComponent 2014 | | | |
|----------------------------|--|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00159, name=hindlimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17479, name=interdigital region between hindlimb digits 2 and 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18134, name=interdigital region between hindlimb digits 2 and 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18135, name=interdigital region between hindlimb digits 2 and 3 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18135 has name [dermis] | | |

| Modified OBOComponent 2015 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18136 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18134[interdigital region between hindlimb digits 2 and 3 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17479, name=interdigital region between hindlimb digits 2 and 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18134, name=interdigital region between hindlimb digits 2 and 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18136, name=interdigital region between hindlimb digits 2 and 3 epidermis, | | |

Modified OBOComponent 2015

statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]

2. [
 OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],
 OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],
 OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],
 OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],
 OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],
 OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],
 OBOComponent [id=TH:00159, name=hindlimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],
 OBOComponent [id=EMAPA:17479, name=interdigital region between hindlimb digits 2 and 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],
 OBOComponent [id=EMAPA:18134, name=interdigital region between hindlimb digits 2 and 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0],
 OBOComponent [id=EMAPA:18136, name=interdigital region between hindlimb digits 2 and 3 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]

3. [
 OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],
 OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],
 OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],
 OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],
 OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0],
 OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],
 OBOComponent [id=EMAPA:17479, name=interdigital region between hindlimb digits 2 and 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],
 OBOComponent [id=EMAPA:18134, name=interdigital region between hindlimb digits 2 and 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD,

| Modified OBOComponent 2015 | | | |
|----------------------------|--|--|---------|
| | | newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18136, name=interdigital region between hindlimb digits 2 and 3 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00159, name=hindlimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17479, name=interdigital region between hindlimb digits 2 and 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18134, name=interdigital region between hindlimb digits 2 and 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18136, name=interdigital region between hindlimb digits 2 and 3 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18136 has name [epidermis] | | |

| Modified OBOComponent 2016 | | | |
|---------------------------------------|---|------|-----------------|
| ID | EMAPA:27435 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18896[stomach glandular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2016 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18896, name=stomach glandular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27435, name=stomach glandular region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27435 has name [mucosa] | | |

| Modified OBOComponent 2017 | | | |
|---|---|------|-----------------|
| ID | EMAPA:18133 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18131[interdigital region between hindlimb digits 1 and 2 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17476, name=interdigital region between hindlimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18131, name=interdigital | | |

Modified OBOComponent 2017

```
region between hindlimb digits 1 and 2 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18133, name=interdigital
region between hindlimb digits 1 and 2 epidermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00159, name=hindlimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17476, name=interdigital
region between hindlimb digits 1 and 2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18131, name=interdigital
region between hindlimb digits 1 and 2 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18133, name=interdigital
region between hindlimb digits 1 and 2 epidermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17476, name=interdigital
region between hindlimb digits 1 and 2,
```

| Modified OBOComponent 2017 | | | |
|----------------------------|--|--|---------|
| | | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18131, name=interdigital region between hindlimb digits 1 and 2 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18133, name=interdigital region between hindlimb digits 1 and 2 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00159, name=hindlimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17476, name=interdigital region between hindlimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18131, name=interdigital region between hindlimb digits 1 and 2 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18133, name=interdigital region between hindlimb digits 1 and 2 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18133 has name [epidermis] | | |

| Modified OBOComponent 2018 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18134 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17479[interdigital region between hindlimb digits 2 and 3] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 2018

```
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17479, name=interdigital
region between hindlimb digits 2 and 3,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18134, name=interdigital
region between hindlimb digits 2 and 3 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00159, name=hindlimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17479, name=interdigital
region between hindlimb digits 2 and 3,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18134, name=interdigital
region between hindlimb digits 2 and 3 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
```

Modified OBOComponent 2018

| | | | |
|--|---|-------------|---------|
| <p>statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17479, name=interdigital region between hindlimb digits 2 and 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18134, name=interdigital region between hindlimb digits 2 and 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>4. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00159, name=hindlimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17479, name=interdigital region between hindlimb digits 2 and 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18134, name=interdigital region between hindlimb digits 2 and 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18134 has name [skin] | | |

Modified OBOComponent 2019

| | | | |
|--|-------------|------|-----------------|
| ID | EMAPA:18131 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17476[interdigital region between hindlimb digits 1 and 2] | | | Group Parents |
| | | | Synonyms |

Modified OBOComponent 2019

| [] | Primary Path |
|-----------------|--|
| Alternate Paths | <div data-bbox="518 190 1355 1041"> <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17476, name=interdigital region between hindlimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18131, name=interdigital region between hindlimb digits 1 and 2 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> </div> <div data-bbox="518 1041 1355 2016"> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00159, name=hindlimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17476, name=interdigital region between hindlimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18131, name=interdigital region between hindlimb digits 1 and 2 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> </div> <div data-bbox="518 2016 1355 2132"> <p>3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> </div> |

Modified OBOComponent 2019

| | | | |
|--|---|-------------|---------|
| <pre> group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17476, name=interdigital region between hindlimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18131, name=interdigital region between hindlimb digits 1 and 2 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] </pre> | | | |
| <pre> 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00159, name=hindlimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17476, name=interdigital region between hindlimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18131, name=interdigital region between hindlimb digits 1 and 2 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] </pre> | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18131 has name [skin] | | |

Modified OBOComponent 2020

| | | | |
|----|-------------|------|-----------|
| ID | EMAPA:18132 | Name | Starts At |
|----|-------------|------|-----------|

| Modified OBOComponent 2020 | | | |
|---|---|------|-----------------|
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18131[interdigital region between hindlimb digits 1 and 2 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17476, name=interdigital region between hindlimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18131, name=interdigital region between hindlimb digits 1 and 2 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18132, name=interdigital region between hindlimb digits 1 and 2 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00159, name=hindlimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17476, name=interdigital region between hindlimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD,</pre> | | |

Modified OBOComponent 2020

```
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18131, name=interdigital
region between hindlimb digits 1 and 2 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18132, name=interdigital
region between hindlimb digits 1 and 2 dermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17476, name=interdigital
region between hindlimb digits 1 and 2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18131, name=interdigital
region between hindlimb digits 1 and 2 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18132, name=interdigital
region between hindlimb digits 1 and 2 dermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00159, name=hindlimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
```

| Modified OBOComponent 2020 | | | |
|----------------------------|--|-------------|---------|
| | start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17476, name=interdigital region between hindlimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18131, name=interdigital region between hindlimb digits 1 and 2 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18132, name=interdigital region between hindlimb digits 1 and 2 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18132 has name [dermis] | | |

| Modified OBOComponent 2021 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:18130 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18128[hindlimb digit 5 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00149, name=hindlimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18128, name=hindlimb digit 5 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18130, name=hindlimb digit 5 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

Modified OBOComponent 2021

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17458, name=hindlimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18128, name=hindlimb digit
5 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18130, name=hindlimb digit
5 epidermis, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17459, name=footplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00149, name=hindlimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17472, name=hindlimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18128, name=hindlimb digit
5 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18130, name=hindlimb digit
5 epidermis, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
```

| Modified OBOComponent 2021 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17459, name=footplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17472, name=hindlimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18128, name=hindlimb digit 5 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18130, name=hindlimb digit 5 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18130 has name [epidermis] | | |

| Modified OBOComponent 2022 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:17237 | Name | Starts At |
| TS18 | Ends At | TS21 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17237, name=somite 45, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS21, present=0]] | | |

Modified OBOComponent 2022

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17237, name=somite 45,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17237, name=somite 45,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
```

Modified OBOComponent 2022

```
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17237, name=somite 45,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17237, name=somite 45,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17237, name=somite 45,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS18, end=TS21, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
```

| Modified OBOComponent 2022 | | | |
|----------------------------|--|--|---------|
| | | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17237, name=somite 45, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS21, present=0]] | |
| | | 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17237, name=somite 45, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS21, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17237 has parents [EMAPA:16860, EMAPA:31169] | | |

| Modified OBOComponent 2023 | | | |
|------------------------------------|-------------|------|-----------------|
| ID | EMAPA:18073 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18072[forelimb digit 2 skin] | | | Group Parents |
| | | | |

| Modified OBOComponent 2023 | |
|----------------------------|---|
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18072, name=forelimb digit 2 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18073, name=forelimb digit 2 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18072, name=forelimb digit 2 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18073, name=forelimb digit 2 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> |

Modified OBOComponent 2023

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18072, name=forelimb digit
2 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18073, name=forelimb digit
2 dermis, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18072, name=forelimb digit
2 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18073, name=forelimb digit
2 dermis, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent | | |

| | |
|-----------------------------------|-------------------------------|
| Modified OBOComponent 2023 | |
| | EMAPA:18073 has name [dermis] |

| | | | |
|-----------------------------------|---|------|-----------------|
| Modified OBOComponent 2024 | | | |
| ID | EMAPA:18072 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17432[forelimb digit 2] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18072, name=forelimb digit 2 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</pre> <p>2. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18072, name=forelimb digit</pre> <p>]</p> | | |

| Modified OBOComponent 2024 | | | |
|----------------------------|---|---|---------|
| | | 2 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| | | 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18072, name=forelimb digit 2 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18072, name=forelimb digit 2 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18072 has name [skin] | | |

| |
|--|
| |
|--|

| Modified OBOComponent 2025 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18075 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:17437[forelimb digit 3 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17437, name=forelimb digit 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18075, name=forelimb digit 3 metacarpus cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] </pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], </pre> <p>]</p> | | |

Modified OBOComponent 2025

```
OBOComponent [ id=EMAPA:17437, name=forelimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18075, name=forelimb digit
3 metacarpus cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17437, name=forelimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18075, name=forelimb digit
3 metacarpus cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 2025 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17437, name=forelimb digit 3 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18075, name=forelimb digit 3 metacarpus cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18075 has name [metacarpus cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18075 has synonyms [metacarpal cartilage condensation] | | |

| Modified OBOComponent 2026 | | | |
|------------------------------------|---|------|-----------------|
| ID | EMAPA:18074 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18072[forelimb digit 2 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18072, name=forelimb digit 2 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18074, name=forelimb digit 2 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

Modified OBOComponent 2026

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18072, name=forelimb digit
2 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18074, name=forelimb digit
2 epidermis, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18072, name=forelimb digit
2 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18074, name=forelimb digit
2 epidermis, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
```

| Modified OBOComponent 2026 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18072, name=forelimb digit 2 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18074, name=forelimb digit 2 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18074 has name [epidermis] | | |

| Modified OBOComponent 2027 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18071 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:17434[forelimb digit 2 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], | | |

Modified OBOComponent 2027

```
OBOComponent [ id=EMAPA:17434, name=forelimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18071, name=forelimb digit
2 phalanx cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17434, name=forelimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18071, name=forelimb digit
2 phalanx cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 2027 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17434, name=forelimb digit 2 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18071, name=forelimb digit 2 phalanx cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17432, name=forelimb digit 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17434, name=forelimb digit 2 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18071, name=forelimb digit 2 phalanx cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18071 has name [phalanx cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18071 has synonyms [phalangeal pre-cartilage condensation] | | |

| Modified OBOComponent 2028 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18070 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:17434[forelimb digit 2 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

Modified OBOComponent 2028

```
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17434, name=forelimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18070, name=forelimb digit
2 metacarpus cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17434, name=forelimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18070, name=forelimb digit
2 metacarpus cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 2028

```
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17434, name=forelimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18070, name=forelimb digit
2 metacarpus cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17432, name=forelimb digit
2, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17434, name=forelimb digit
2 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18070, name=forelimb digit
2 metacarpus cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | <p>1. Different Name - Referenced OBOComponent EMAPA:18070 has name [metacarpus cartilage condensation]</p> <p>2. Different Synonyms - Referenced</p> | | |

| | |
|-----------------------------------|---|
| Modified OBOComponent 2028 | |
| | OBOComponent EMAPA:18070 has synonyms [metacarpal cartilage condensation] |

| | | | |
|-----------------------------------|---|-------------|------------------------|
| Modified OBOComponent 2029 | | | |
| <i>ID</i> | EMAPA:18077 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS26 | <i>Primary Parents</i> |
| EMAPA:17435[forelimb digit 3] | | | <i>Group Parents</i> |
| | | | <i>Synonyms</i> |
| [] | | | <i>Primary Path</i> |
| <i>Alternate Paths</i> | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18077, name=forelimb digit 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> | | |

Modified OBOComponent 2029

| | | | |
|--|---|-------------|---------|
| <p>OBOComponent [id=EMAPA:18077, name=forelimb digit 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> | | | |
| <p>3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18077, name=forelimb digit 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> | | | |
| <p>4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18077, name=forelimb digit 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18077 has name [skin] | | |

| Modified OBOComponent 2030 | | | |
|-----------------------------|--|-------------|-----------------|
| ID | EMAPA:27415 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18890[stomach fundus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18890, name=stomach fundus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27415, name=stomach fundus serosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27415 has name [serosa] | | |

| Modified OBOComponent 2031 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18076 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:17437[forelimb digit 3 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

Modified OBOComponent 2031

```
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17437, name=forelimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18076, name=forelimb digit
3 phalanx cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17437, name=forelimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18076, name=forelimb digit
3 phalanx cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 2031

```
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17437, name=forelimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18076, name=forelimb digit
3 phalanx cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17437, name=forelimb digit
3 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18076, name=forelimb digit
3 phalanx cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

| | | | |
|-------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18076 has name [phalanx cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18076 has synonyms [phalangeal pre-cartilage condensation] | | |

| Modified OBOComponent 2032 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:18079 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18077[forelimb digit 3 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18077, name=forelimb digit 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18079, name=forelimb digit 3 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18077, name=forelimb digit</p> | | |

Modified OBOComponent 2032

```
3 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18079, name=forelimb digit
3 epidermis, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18077, name=forelimb digit
3 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18079, name=forelimb digit
3 epidermis, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18077, name=forelimb digit
3 skin, statusChange=CHANGED, statusRule=PASSED,
```

| Modified OBOComponent 2032 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18079, name=forelimb digit 3 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18079 has name [epidermis] | | |

| Modified OBOComponent 2033 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:18078 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18077[forelimb digit 3 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18077, name=forelimb digit 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18078, name=forelimb digit 3 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED,</p> | | |

Modified OBOComponent 2033

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18077, name=forelimb digit
3 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18078, name=forelimb digit
3 dermis, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17435, name=forelimb digit
3, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18077, name=forelimb digit
3 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18078, name=forelimb digit
3 dermis, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
```

| Modified OBOComponent 2033 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17435, name=forelimb digit 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18077, name=forelimb digit 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18078, name=forelimb digit 3 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18078 has name [dermis] | | |

| Modified OBOComponent 2034 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18086 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:17443[forelimb digit 5 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17443, name=forelimb digit 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18086, name=forelimb digit 5 phalanx cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0] | | |
| | 2. [| | |

Modified OBOComponent 2034

```
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17443, name=forelimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18086, name=forelimb digit
5 phalanx cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17443, name=forelimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18086, name=forelimb digit
5 phalanx cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

| Modified OBOComponent 2034 | | | |
|----------------------------|---|-------------|---------|
| | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17443, name=forelimb digit 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18086, name=forelimb digit 5 phalanx cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18086 has name [phalanx cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18086 has synonyms [phalangeal pre-cartilage condensation] | | |

| Modified OBOComponent 2035 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18085 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:17443[forelimb digit 5 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 2035

```
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17443, name=forelimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18085, name=forelimb digit
5 metacarpus cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17443, name=forelimb digit
5 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18085, name=forelimb digit
5 metacarpus cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
```

| Modified OBOComponent 2035 | | | |
|----------------------------|--|---|---------|
| | | newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17443, name=forelimb digit 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18085, name=forelimb digit 5 metacarpus cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17443, name=forelimb digit 5 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18085, name=forelimb digit 5 metacarpus cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18085 has name [metacarpus cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18085 has synonyms [metacarpal cartilage condensation] | | |

| Modified OBOComponent 2036 | | | |
|------------------------------------|-------------|------|-----------------|
| ID | EMAPA:18084 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18082[forelimb digit 4 skin] | | | Group Parents |

| Modified OBOComponent 2036 | |
|----------------------------|--|
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18082, name=forelimb digit 4 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18084, name=forelimb digit 4 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18082, name=forelimb digit 4 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18084, name=forelimb digit 4 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> |

Modified OBOComponent 2036

```
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18082, name=forelimb digit
4 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18084, name=forelimb digit
4 epidermis, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18082, name=forelimb digit
4 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18084, name=forelimb digit
4 epidermis, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
```

| Modified OBOComponent 2036 | | | |
|----------------------------|--|-------------|---------|
| | start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18084 has name [epidermis] | | |

| Modified OBOComponent 2037 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:18083 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18082[forelimb digit 4 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18082, name=forelimb digit 4 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18083, name=forelimb digit 4 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> | | |

Modified OBOComponent 2037

```
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18082, name=forelimb digit
4 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18083, name=forelimb digit
4 dermis, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18082, name=forelimb digit
4 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18083, name=forelimb digit
4 dermis, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

| Modified OBOComponent 2037 | | | |
|----------------------------|---|-------------|---------|
| | start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18082, name=forelimb digit 4 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18083, name=forelimb digit 4 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18083 has name [dermis] | | |

| Modified OBOComponent 2038 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:18082 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17438[forelimb digit 4] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18082, name=forelimb digit 4 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

Modified OBOComponent 2038

```
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18082, name=forelimb digit
4 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18082, name=forelimb digit
4 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```


| Modified OBOComponent 2038 | | | |
|----------------------------|---|-------------|---------|
| | start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18082, name=forelimb digit 4 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18082 has name [skin] | | |

| Modified OBOComponent 2039 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18081 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:17440[forelimb digit 4 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17440, name=forelimb digit 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18081, name=forelimb digit 4 phalanx cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

Modified OBOComponent 2039

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17440, name=forelimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18081, name=forelimb digit
4 phalanx cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17440, name=forelimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18081, name=forelimb digit
4 phalanx cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
```

| Modified OBOComponent 2039 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17440, name=forelimb digit 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18081, name=forelimb digit 4 phalanx cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18081 has name [phalanx cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18081 has synonyms [phalangeal pre-cartilage condensation] | | |

| Modified OBOComponent 2040 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18080 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:17440[forelimb digit 4 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit | | |

Modified OBOComponent 2040

```
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17440, name=forelimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18080, name=forelimb digit
4 metacarpus cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17438, name=forelimb digit
4, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17440, name=forelimb digit
4 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18080, name=forelimb digit
4 metacarpus cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
```

| Modified OBOComponent 2040 | | | |
|----------------------------|--|---|---------|
| | | OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17440, name=forelimb digit 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18080, name=forelimb digit 4 metacarpus cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17438, name=forelimb digit 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17440, name=forelimb digit 4 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18080, name=forelimb digit 4 metacarpus cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18080 has name [metacarpus cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18080 has synonyms [metacarpal cartilage condensation] | | |

| Modified OBOComponent 2041 | | | |
|------------------------------------|---|------|-----------------|
| ID | EMAPA:27427 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27403[stomach fundus mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

| Modified OBOComponent 2041 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18890, name=stomach fundus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27403, name=stomach fundus mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27427, name=stomach fundus gastric gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27427 has name [gastric gland] | | |

| Modified OBOComponent 2042 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:27423 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27403[stomach fundus mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 2042 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18890, name=stomach fundus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27403, name=stomach fundus mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27423, name=stomach fundus lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27423 has name [lamina propria] | | |

| Modified OBOComponent 2043 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:18089 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18087[forelimb digit 5 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18087, name=forelimb digit 5 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18089, name=forelimb digit 5 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |

Modified OBOComponent 2043

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18087, name=forelimb digit
5 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18089, name=forelimb digit
5 epidermis, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18087, name=forelimb digit
5 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18089, name=forelimb digit
5 epidermis, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
```

| Modified OBOComponent 2043 | | | |
|--|--|-------------|---------|
| OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18087, name=forelimb digit 5 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18089, name=forelimb digit 5 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18089 has name [epidermis] | | |

| Modified OBOComponent 2044 | | | |
|------------------------------------|---|------|-----------------|
| ID | EMAPA:18088 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18087[forelimb digit 5 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, | | |

Modified OBOComponent 2044

```
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18087, name=forelimb digit
5 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18088, name=forelimb digit
5 dermis, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18087, name=forelimb digit
5 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18088, name=forelimb digit
5 dermis, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
```

| Modified OBOComponent 2044 | | | |
|----------------------------|---|--|---------|
| | | 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18087, name=forelimb digit 5 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18088, name=forelimb digit 5 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18087, name=forelimb digit 5 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18088, name=forelimb digit 5 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18088 has name [dermis] | | |

| Modified OBOComponent 2045 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:18087 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17441[forelimb digit 5] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, | | |

Modified OBOComponent 2045

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18087, name=forelimb digit
5 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17441, name=forelimb digit
5, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18087, name=forelimb digit
5 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
```


| Modified OBOComponent 2045 | | | |
|----------------------------|---|--|---------|
| | | statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18087, name=forelimb digit 5 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17441, name=forelimb digit 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18087, name=forelimb digit 5 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18087 has name [skin] | | |

| Modified OBOComponent 2046 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:27431 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27403[stomach fundus mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2046 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18890, name=stomach fundus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27403, name=stomach fundus mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27431, name=stomach fundus muscularis mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27431 has name [muscularis mucosa] | | |

| Modified OBOComponent 2047 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:18051 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17414[elbow] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17414, name=elbow, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18051, name=elbow skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18051 has name [skin] | | |

| Modified OBOComponent 2048 | | | |
|-----------------------------------|--|-------------|-----------------|
| ID | EMAPA:18050 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:16137[peritoneal component] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16137, name=peritoneal component, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:18050, name=peritoneal component right hepatic recess, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18050 has name [right hepatic recess] | | |

| Modified OBOComponent 2049 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:18053 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18051[elbow skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, | | |

| Modified OBOComponent 2049 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17414, name=elbow, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18051, name=elbow skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18053, name=elbow epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18053 has name [epidermis] | | |

| Modified OBOComponent 2050 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:18052 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18051[elbow skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17414, name=elbow, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18051, name=elbow skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18052, name=elbow dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18052 has name [dermis] | | |

| Modified OBOComponent 2051 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:18057 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |

| Modified OBOComponent 2051 | | | |
|----------------------------|---|---------------|---------|
| EMAPA:18056[forearm skin] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17417, name=forearm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18056, name=forearm skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18057, name=forearm dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18057 has name [dermis] | | |

| Modified OBOComponent 2052 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:18056 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17417[forearm] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, | | |

| Modified OBOComponent 2052 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17417, name=forearm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18056, name=forearm skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18056 has name [skin] | | |

| Modified OBOComponent 2053 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:18059 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17421[shoulder] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17421, name=shoulder, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18059, name=shoulder skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18059 has name [skin] | | |

| Modified OBOComponent 2054 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18058 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18056[forearm skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

| Modified OBOComponent 2054 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17417, name=forearm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18056, name=forearm skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18058, name=forearm epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18058 has name [epidermis] | | |

| Modified OBOComponent 2055 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18060 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18059[shoulder skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17421, name=shoulder, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], | | |

| Modified OBOComponent 2055 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:18059, name=shoulder skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18060, name=shoulder dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18060 has name [dermis] | | |

| Modified OBOComponent 2056 | | | |
|-----------------------------|--|-------------|-----------------|
| ID | EMAPA:18064 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18062[upper arm skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17424, name=upper arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18062, name=upper arm skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18064, name=upper arm epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18064 has name [epidermis] | | |

| Modified OBOComponent 2057 | | | |
|-----------------------------|-------------|------|-----------------|
| ID | EMAPA:18063 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18062[upper arm skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [| | |

| Modified OBOComponent 2057 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17424, name=upper arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18062, name=upper arm skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18063, name=upper arm dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18063 has name [dermis] | | |

| Modified OBOComponent 2058 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18062 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17424[upper arm] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17424, name=upper arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 2058 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18062, name=upper arm skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18062 has name [skin] | | |

| Modified OBOComponent 2059 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:18061 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18059[shoulder skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17413, name=arm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17421, name=shoulder, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18059, name=shoulder skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18061, name=shoulder epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18061 has name [epidermis] | | |

| Modified OBOComponent 2060 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:18068 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18067[forelimb digit 1 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 2060

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group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18067, name=forelimb digit
1 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18068, name=forelimb digit
1 dermis, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18067, name=forelimb digit
1 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18068, name=forelimb digit
1 dermis, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
```

Modified OBOComponent 2060

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18067, name=forelimb digit
1 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18068, name=forelimb digit
1 dermis, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18067, name=forelimb digit
1 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18068, name=forelimb digit
1 dermis, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18068 has name [dermis] | | |

Modified OBOComponent 2061

| | | | |
|----|-------------|------|-----------|
| ID | EMAPA:18067 | Name | Starts At |
|----|-------------|------|-----------|

| Modified OBOComponent 2061 | | | |
|-------------------------------|---|------|-----------------|
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17429[forelimb digit 1] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18067, name=forelimb digit 1 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18067, name=forelimb digit 1 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>3. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> | | |

Modified OBOComponent 2061

```
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18067, name=forelimb digit
1 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18067, name=forelimb digit
1 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ]]
```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18067 has name [skin] | | |

Modified OBOComponent 2062

| | | | |
|-----------------------------|-------------|------|-----------------|
| ID | EMAPA:27403 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18890[stomach fundus] | | | Group Parents |
| | | | Synonyms |

| Modified OBOComponent 2062 | | | |
|----------------------------|---|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18890, name=stomach fundus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27403, name=stomach fundus mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27403 has name [mucosa] | | |

| Modified OBOComponent 2063 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18066 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:17431[forelimb digit 1 mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], | | |

Modified OBOComponent 2063

```
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17431, name=forelimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18066, name=forelimb digit
1 phalanx cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17431, name=forelimb digit
1 mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18066, name=forelimb digit
1 phalanx cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

Modified OBOComponent 2063

| | | | |
|--|--|--------------------|---------|
| <pre> start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17431, name=forelimb digit 1 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18066, name=forelimb digit 1 phalanx cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] </pre> | | | |
| <pre> 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17431, name=forelimb digit 1 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18066, name=forelimb digit 1 phalanx cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] </pre> | | | |
| <i>Rule Status</i> | PASSED | <i>Edit Status</i> | CHANGED |
| <i>Comments</i> | 1. Different Name - Referenced OBOComponent EMAPA:18066 has name [phalanx cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18066 has synonyms [phalangeal pre-cartilage condensation] | | |

Modified OBOComponent 2064

| | | | |
|--|----------------|-------------|------------------------|
| <i>ID</i> | EMAPA:18065 | <i>Name</i> | <i>Starts At</i> |
| TS22 | <i>Ends At</i> | TS22 | <i>Primary Parents</i> |
| EMAPA:17431[forelimb digit 1 mesenchyme] | | | <i>Group Parents</i> |
| | | | |

| Modified OBOComponent 2064 | |
|----------------------------|--|
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17431, name=forelimb digit 1 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18065, name=forelimb digit 1 metacarpus cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17431, name=forelimb digit 1 mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18065, name=forelimb digit</p> |

Modified OBOComponent 2064

```
1 metacarpus cartilage condensation,  
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,  
newid=TBD, namespace=abstract_anatomy, group=false,  
start=TS22, end=TS22, present=0 ]]
```

```
3. [  
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,  
statusChange=UNCHECKED, statusRule=UNCHECKED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=, end=, present=0 ],  
OBOComponent [ id=EMAPA:25765, name=mouse,  
statusChange=UNCHECKED, statusRule=UNCHECKED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=TS01, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:16039, name=embryo,  
statusChange=UNCHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=true, start=TS04, end=TS26, present=0 ],  
OBOComponent [ id=EMAPA:16405, name=limb,  
statusChange=UNCHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=TS14, end=TS26, present=0 ],  
OBOComponent [ id=TH:00093, name=autopod,  
statusChange=NEW, statusRule=PASSED, dbID=TBD,  
newid=TBD, namespace=abstract_anatomy, group=false,  
start=TS19, end=TS26, present=0 ],  
OBOComponent [ id=EMAPA:17428, name=handplate,  
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,  
newid=TBD, namespace=abstract_anatomy, group=false,  
start=TS20, end=TS26, present=0 ],  
OBOComponent [ id=TH:00133, name=forelimb digit,  
statusChange=NEW, statusRule=PASSED, dbID=TBD,  
newid=TBD, namespace=abstract_anatomy, group=false,  
start=TS20, end=TS26, present=0 ],  
OBOComponent [ id=EMAPA:17429, name=forelimb digit  
1, statusChange=CHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=TS20, end=TS26, present=0 ],  
OBOComponent [ id=EMAPA:17431, name=forelimb digit  
1 mesenchyme, statusChange=CHANGED,  
statusRule=PASSED, dbID=TBD, newid=TBD,  
namespace=abstract_anatomy, group=false,  
start=TS20, end=TS26, present=0 ],  
OBOComponent [ id=EMAPA:18065, name=forelimb digit  
1 metacarpus cartilage condensation,  
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,  
newid=TBD, namespace=abstract_anatomy, group=false,  
start=TS22, end=TS22, present=0 ]]
```

```
4. [  
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,  
statusChange=UNCHECKED, statusRule=UNCHECKED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=, end=, present=0 ],  
OBOComponent [ id=EMAPA:25765, name=mouse,  
statusChange=UNCHECKED, statusRule=UNCHECKED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=TS01, end=TS28, present=0 ],  
OBOComponent [ id=EMAPA:16039, name=embryo,  
statusChange=UNCHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=true, start=TS04, end=TS26, present=0 ],  
OBOComponent [ id=EMAPA:16405, name=limb,  
statusChange=UNCHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=TS14, end=TS26, present=0 ],  
OBOComponent [ id=TH:00093, name=autopod,  
statusChange=NEW, statusRule=PASSED, dbID=TBD,  
newid=TBD, namespace=abstract_anatomy, group=false,  
start=TS19, end=TS26, present=0 ],  
OBOComponent [ id=EMAPA:17428, name=handplate,  
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,  
newid=TBD, namespace=abstract_anatomy, group=false,  
start=TS20, end=TS26, present=0 ],  
OBOComponent [ id=EMAPA:17429, name=forelimb digit  
1, statusChange=CHANGED, statusRule=PASSED,  
dbID=TBD, newid=TBD, namespace=abstract_anatomy,  
group=false, start=TS20, end=TS26, present=0 ],  
OBOComponent [ id=EMAPA:17431, name=forelimb digit  
1 mesenchyme, statusChange=CHANGED,  
statusRule=PASSED, dbID=TBD, newid=TBD,  
namespace=abstract_anatomy, group=false,  
start=TS20, end=TS26, present=0 ],
```

| Modified OBOComponent 2064 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:18065, name=forelimb digit 1 metacarpus cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18065 has name [metacarpus cartilage condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18065 has synonyms [metacarpal cartilage condensation] | | |

| Modified OBOComponent 2065 | | | |
|-----------------------------|--|-------------|-----------------|
| ID | EMAPA:27407 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18890[stomach fundus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18890, name=stomach fundus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27407, name=stomach fundus submucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27407 has name [submucosa] | | |

| Modified OBOComponent 2066 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:18069 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| | | | |

| | | |
|------------------------------------|---|---------------|
| Modified OBOComponent 2066 | | |
| EMAPA:18067[forelimb digit 1 skin] | | Group Parents |
| | | Synonyms |
| [] | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00133, name=forelimb digit, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18067, name=forelimb digit 1 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18069, name=forelimb digit 1 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] </pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17429, name=forelimb digit 1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18067, name=forelimb digit 1 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18069, name=forelimb digit </pre> | |

Modified OBOComponent 2066

```
1 epidermis, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00133, name=forelimb digit,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18067, name=forelimb digit
1 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18069, name=forelimb digit
1 epidermis, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17429, name=forelimb digit
1, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18067, name=forelimb digit
1 skin, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18069, name=forelimb digit
1 epidermis, statusChange=CHANGED,
```

| Modified OBOComponent 2066 | | | |
|----------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18069 has name [epidermis] | | |

| Modified OBOComponent 2067 | | | |
|-----------------------------|--|-------------|-----------------|
| ID | EMAPA:27411 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18890[stomach fundus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18890, name=stomach fundus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27411, name=stomach fundus muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27411 has name [muscularis] | | |

| Modified OBOComponent 2068 | | | |
|---|-------------|------|-----------------|
| ID | EMAPA:18098 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18096[interdigital region between forelimb digits 3 and 4 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| | | | |

Modified OBOComponent 2068

Alternate Paths

```
1. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17451, name=interdigital
region between forelimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18096, name=interdigital
region between forelimb digits 3 and 4 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18098, name=interdigital
region between forelimb digits 3 and 4 epidermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17451, name=interdigital
region between forelimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18096, name=interdigital
region between forelimb digits 3 and 4 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18098, name=interdigital
```


Modified OBOComponent 2068

```
region between forelimb digits 3 and 4 epidermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17451, name=interdigital
region between forelimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18096, name=interdigital
region between forelimb digits 3 and 4 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18098, name=interdigital
region between forelimb digits 3 and 4 epidermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17451, name=interdigital
region between forelimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18096, name=interdigital
region between forelimb digits 3 and 4 skin,
```

| Modified OBOComponent 2068 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18098, name=interdigital region between forelimb digits 3 and 4 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18098 has name [epidermis] | | |

| Modified OBOComponent 2069 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18099 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17454[interdigital region between forelimb digits 4 and 5] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00142, name=forelimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17454, name=interdigital region between forelimb digits 4 and 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18099, name=interdigital region between forelimb digits 4 and 5 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb,</p> | | |

Modified OBOComponent 2069

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17454, name=interdigital
region between forelimb digits 4 and 5,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18099, name=interdigital
region between forelimb digits 4 and 5 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17454, name=interdigital
region between forelimb digits 4 and 5,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18099, name=interdigital
region between forelimb digits 4 and 5 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

| Modified OBOComponent 2069 | | | |
|----------------------------|--|-------------|---------|
| | start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17454, name=interdigital region between forelimb digits 4 and 5, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18099, name=interdigital region between forelimb digits 4 and 5 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18099 has name [skin] | | |

| Modified OBOComponent 2070 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18090 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17445[interdigital region between forelimb digits 1 and 2] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00142, name=forelimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17445, name=interdigital region between forelimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18090, name=interdigital region between forelimb digits 1 and 2 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

Modified OBOComponent 2070

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17445, name=interdigital
region between forelimb digits 1 and 2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18090, name=interdigital
region between forelimb digits 1 and 2 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17445, name=interdigital
region between forelimb digits 1 and 2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18090, name=interdigital
region between forelimb digits 1 and 2 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
```

| Modified OBOComponent 2070 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17445, name=interdigital region between forelimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18090, name=interdigital region between forelimb digits 1 and 2 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18090 has name [skin] | | |

| Modified OBOComponent 2071 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18091 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18090[interdigital region between forelimb digits 1 and 2 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00142, name=forelimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17445, name=interdigital region between forelimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18090, name=interdigital region between forelimb digits 1 and 2 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18091, name=interdigital | | |

Modified OBOComponent 2071

region between forelimb digits 1 and 2 dermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0]]

2. [
OBOComponent [id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0],
OBOComponent [id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0],
OBOComponent [id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0],
OBOComponent [id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0],
OBOComponent [id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:17445, name=interdigital
region between forelimb digits 1 and 2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:18090, name=interdigital
region between forelimb digits 1 and 2 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0],
OBOComponent [id=EMAPA:18091, name=interdigital
region between forelimb digits 1 and 2 dermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0]]

3. [
OBOComponent [id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0],
OBOComponent [id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0],
OBOComponent [id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0],
OBOComponent [id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0],
OBOComponent [id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0],
OBOComponent [id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:17445, name=interdigital
region between forelimb digits 1 and 2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:18090, name=interdigital
region between forelimb digits 1 and 2 skin,

| Modified OBOComponent 2071 | | | |
|----------------------------|---|---|---------|
| | | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18091, name=interdigital region between forelimb digits 1 and 2 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17445, name=interdigital region between forelimb digits 1 and 2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18090, name=interdigital region between forelimb digits 1 and 2 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18091, name=interdigital region between forelimb digits 1 and 2 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18091 has name [dermis] | | |

| Modified OBOComponent 2072 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18092 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18090[interdigital region between forelimb digits 1 and 2 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, | | |

Modified OBOComponent 2072

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17445, name=interdigital
region between forelimb digits 1 and 2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18090, name=interdigital
region between forelimb digits 1 and 2 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18092, name=interdigital
region between forelimb digits 1 and 2 epidermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17445, name=interdigital
region between forelimb digits 1 and 2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18090, name=interdigital
region between forelimb digits 1 and 2 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18092, name=interdigital
region between forelimb digits 1 and 2 epidermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
```

Modified OBOComponent 2072

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17445, name=interdigital
region between forelimb digits 1 and 2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18090, name=interdigital
region between forelimb digits 1 and 2 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18092, name=interdigital
region between forelimb digits 1 and 2 epidermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17445, name=interdigital
region between forelimb digits 1 and 2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18090, name=interdigital
region between forelimb digits 1 and 2 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18092, name=interdigital
region between forelimb digits 1 and 2 epidermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

| | | | |
|-------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18092 has name [epidermis] | | |

| Modified OBOComponent 2073 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18093 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17448[interdigital region between forelimb digits 2 and 3] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00142, name=forelimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17448, name=interdigital region between forelimb digits 2 and 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18093, name=interdigital region between forelimb digits 2 and 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17448, name=interdigital region between forelimb digits 2 and 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18093, name=interdigital</p> | | |

Modified OBOComponent 2073

region between forelimb digits 2 and 3 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0]]

3. [
OBOComponent [id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0],
OBOComponent [id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0],
OBOComponent [id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0],
OBOComponent [id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0],
OBOComponent [id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0],
OBOComponent [id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:17448, name=interdigital
region between forelimb digits 2 and 3,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:18093, name=interdigital
region between forelimb digits 2 and 3 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0]]

4. [
OBOComponent [id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0],
OBOComponent [id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0],
OBOComponent [id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0],
OBOComponent [id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0],
OBOComponent [id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0],
OBOComponent [id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:17448, name=interdigital
region between forelimb digits 2 and 3,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0],
OBOComponent [id=EMAPA:18093, name=interdigital
region between forelimb digits 2 and 3 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0]]

Rule Status

PASSED

Edit Status

CHANGED

| Modified OBOComponent 2073 | |
|----------------------------|---|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18093 has name [skin] |

| Modified OBOComponent 2074 | | | |
|---|---|------|-----------------|
| ID | EMAPA:18094 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18093[interdigital region between forelimb digits 2 and 3 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00142, name=forelimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17448, name=interdigital region between forelimb digits 2 and 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18093, name=interdigital region between forelimb digits 2 and 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18094, name=interdigital region between forelimb digits 2 and 3 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> | | |

Modified OBOComponent 2074

```
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17448, name=interdigital
region between forelimb digits 2 and 3,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18093, name=interdigital
region between forelimb digits 2 and 3 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18094, name=interdigital
region between forelimb digits 2 and 3 dermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17448, name=interdigital
region between forelimb digits 2 and 3,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18093, name=interdigital
region between forelimb digits 2 and 3 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18094, name=interdigital
region between forelimb digits 2 and 3 dermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 2074 | | | |
|----------------------------|---|--|---------|
| | | group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17448, name=interdigital region between forelimb digits 2 and 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18093, name=interdigital region between forelimb digits 2 and 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18094, name=interdigital region between forelimb digits 2 and 3 dermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18094 has name [dermis] | | |

| Modified OBOComponent 2075 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18095 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18093[interdigital region between forelimb digits 2 and 3 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00142, name=forelimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17448, name=interdigital region between forelimb digits 2 and 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18093, name=interdigital region between forelimb digits 2 and 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

Modified OBOComponent 2075

```
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18095, name=interdigital
region between forelimb digits 2 and 3 epidermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17448, name=interdigital
region between forelimb digits 2 and 3,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18093, name=interdigital
region between forelimb digits 2 and 3 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18095, name=interdigital
region between forelimb digits 2 and 3 epidermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17448, name=interdigital
region between forelimb digits 2 and 3,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
```

| Modified OBOComponent 2075 | | | |
|----------------------------|--|---|---------|
| | | OBOComponent [id=EMAPA:18093, name=interdigital region between forelimb digits 2 and 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18095, name=interdigital region between forelimb digits 2 and 3 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17448, name=interdigital region between forelimb digits 2 and 3, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18093, name=interdigital region between forelimb digits 2 and 3 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18095, name=interdigital region between forelimb digits 2 and 3 epidermis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18095 has name [epidermis] | | |

| Modified OBOComponent 2076 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18096 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17451[interdigital region between forelimb digits 3 and 4] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 2076

```
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17451, name=interdigital
region between forelimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18096, name=interdigital
region between forelimb digits 3 and 4 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17451, name=interdigital
region between forelimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18096, name=interdigital
region between forelimb digits 3 and 4 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
```


| Modified OBOComponent 2076 | | | |
|----------------------------|---|--|---------|
| | | statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=TH:00142, name=forelimb interdigital region, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17451, name=interdigital region between forelimb digits 3 and 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18096, name=interdigital region between forelimb digits 3 and 4 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00093, name=autopod, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17428, name=handplate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17451, name=interdigital region between forelimb digits 3 and 4, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18096, name=interdigital region between forelimb digits 3 and 4 skin, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18096 has name [skin] | | |

| Modified OBOComponent 2077 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18097 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18096[interdigital region between forelimb digits 3 and 4 skin] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

Modified OBOComponent 2077

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17451, name=interdigital
region between forelimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18096, name=interdigital
region between forelimb digits 3 and 4 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18097, name=interdigital
region between forelimb digits 3 and 4 dermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17412, name=forelimb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17451, name=interdigital
region between forelimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18096, name=interdigital
region between forelimb digits 3 and 4 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18097, name=interdigital
region between forelimb digits 3 and 4 dermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
```

Modified OBOComponent 2077

```
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=TH:00142, name=forelimb
interdigital region, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17451, name=interdigital
region between forelimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18096, name=interdigital
region between forelimb digits 3 and 4 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18097, name=interdigital
region between forelimb digits 3 and 4 dermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16405, name=limb,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00093, name=autopod,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17428, name=handplate,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17451, name=interdigital
region between forelimb digits 3 and 4,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18096, name=interdigital
region between forelimb digits 3 and 4 skin,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18097, name=interdigital
region between forelimb digits 3 and 4 dermis,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
```

| Modified OBOComponent 2077 | | | |
|----------------------------|--|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18097 has name [dermis] | | |

| Modified OBOComponent 2078 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:32268 | Name | Starts At |
| TS28 | Ends At | TS28 | Primary Parents |
| EMAPA:30952[urothelium of prostatic urethra] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:18692, name=urethra of male, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS28, present=0], OBOComponent [id=EMAPA:30942, name=prostatic urethra, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0], OBOComponent [id=EMAPA:30952, name=urothelium of prostatic urethra, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0], OBOComponent [id=EMAPA:32268, name=superficial cell layer of prostatic urethra, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:32268 has synonyms [superficial epithelial layer of prostatic urethra] | | |

| Modified OBOComponent 2079 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:16563 | Name | Starts At |
| TS14 | Ends At | TS15 | Primary Parents |
| EMAPA:16561[biliary bud] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| | | | |

| Modified OBOComponent 2079 | | | |
|----------------------------|---|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:16561, name=biliary bud, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS15, present=0], OBOComponent [id=EMAPA:16563, name=biliary bud intrahepatic part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS15, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16563 has name [intrahepatic part] | | |

| Modified OBOComponent 2080 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16562 | Name | Starts At |
| TS14 | Ends At | TS15 | Primary Parents |
| EMAPA:16561[biliary bud] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], | | |

| Modified OBOComponent 2080 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:16561, name=biliary bud, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS15, present=0], OBOComponent [id=EMAPA:16562, name=biliary bud extrahepatic part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS15, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16562 has name [extrahepatic part] | | |

| Modified OBOComponent 2081 | | | |
|--------------------------------------|--|-------------|-----------------|
| ID | EMAPA:16564 | Name | Starts At |
| TS14 | Ends At | TS22 | Primary Parents |
| EMAPA:16363[foregut-midgut junction] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:16564, name=foregut-midgut junction epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent | | |

| | |
|-----------------------------------|-----------------------------------|
| Modified OBOComponent 2081 | |
| | EMAPA:16564 has name [epithelium] |

| | | | |
|--------------------------------------|--|-------------|-----------------|
| Modified OBOComponent 2082 | | | |
| ID | EMAPA:16561 | Name | Starts At |
| TS14 | Ends At | TS15 | Primary Parents |
| EMAPA:16363[foregut-midgut junction] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:16561, name=biliary bud, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS15, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16561 has synonyms [hepatic diverticulum] | | |

| | | | |
|-----------------------------------|---|------|-----------------|
| Modified OBOComponent 2083 | | | |
| ID | EMAPA:16560 | Name | Starts At |
| TS14 | Ends At | TS17 | Primary Parents |
| EMAPA:16558[thyroid primordium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

| Modified OBOComponent 2083 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16557, name=foregut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16558, name=thyroid primordium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS17, present=0], OBOComponent [id=EMAPA:16560, name=thyroid primordium endoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16560 has name [endoderm] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16560 has synonyms [endothelium] | | |

| Modified OBOComponent 2084 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:16559 | Name | Starts At |
| TS14 | Ends At | TS17 | Primary Parents |
| EMAPA:16558[thyroid primordium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 2084 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16557, name=foregut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16558, name=thyroid primordium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS17, present=0], OBOComponent [id=EMAPA:16559, name=thyroid primordium associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16559 has name [associated mesenchyme] | | |

| Modified OBOComponent 2085 | | | |
|------------------------------|---|------|-----------------|
| ID | EMAPA:16555 | Name | Starts At |
| TS14 | Ends At | TS17 | Primary Parents |
| EMAPA:16553[rest of foregut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16553, name=rest of foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS17, present=0], OBOComponent [id=EMAPA:16555, name=rest of foregut epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 2085 | | | |
|----------------------------|---|-------------|---------|
| | start=TS14, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16555 has name [epithelium] | | |

| Modified OBOComponent 2086 | | | |
|------------------------------|--|-------------|-----------------|
| ID | EMAPA:16556 | Name | Starts At |
| TS14 | Ends At | TS17 | Primary Parents |
| EMAPA:16553[rest of foregut] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16553, name=rest of foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS17, present=0], OBOComponent [id=EMAPA:16556, name=rest of foregut vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16556 has name [vascular element] | | |

| Modified OBOComponent 2087 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16557 | Name | Starts At |
| TS14 | Ends At | TS23 | Primary Parents |
| EMAPA:16548[foregut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 2087 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16557, name=foregut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16557 has name [gland] | | |

| Modified OBOComponent 2088 | | | |
|------------------------------|---|------|-----------------|
| ID | EMAPA:16554 | Name | Starts At |
| TS14 | Ends At | TS17 | Primary Parents |
| EMAPA:16553[rest of foregut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, | | |

| Modified OBOComponent 2088 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16553, name=rest of foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS17, present=0], OBOComponent [id=EMAPA:16554, name=rest of foregut associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16554 has name [associated mesenchyme] | | |

| Modified OBOComponent 2089 | | | |
|--------------------------------|---|-------------|-----------------|
| ID | EMAPA:16552 | Name | Starts At |
| TS14 | Ends At | TS14 | Primary Parents |
| EMAPA:16549[pharyngeal region] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16549, name=pharyngeal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0], OBOComponent [id=EMAPA:16552, name=pharyngeal region vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16552 has name [vascular element] | | |

| Modified OBOComponent 2090 | | | |
|----------------------------|--|--|--|
| | | | |

| Modified OBOComponent 2090 | | | |
|--------------------------------|---|-------------|-----------------|
| ID | EMAPA:16551 | Name | Starts At |
| TS14 | Ends At | TS14 | Primary Parents |
| EMAPA:16549[pharyngeal region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16549, name=pharyngeal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0], OBOComponent [id=EMAPA:16551, name=pharyngeal region epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16551 has name [epithelium] | | |

| Modified OBOComponent 2091 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:16550 | Name | Starts At |
| TS14 | Ends At | TS14 | Primary Parents |
| EMAPA:16549[pharyngeal region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 2091 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16549, name=pharyngeal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0], OBOComponent [id=EMAPA:16550, name=pharyngeal region associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16550 has name [associated mesenchyme] | | |

| Modified OBOComponent 2092 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:16546 | Name | Starts At |
| TS14 | Ends At | TS26 | Primary Parents |
| EMAPA:16105[heart] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16546, name=atrio-ventricular canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16546 has synonyms [ependymal canal] | | |

| Modified OBOComponent 2093 | | | |
|-----------------------------------|--|-------------|-----------------|
| ID | EMAPA:16577 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16367[genitourinary system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16367, name=genitourinary system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16577, name=nephric duct, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16577 has synonyms [Wolffian duct] | | |

| Modified OBOComponent 2094 | | | |
|---------------------------------------|---|------|-----------------|
| ID | EMAPA:19180 | Name | Starts At |
| TS24 | Ends At | TS28 | Primary Parents |
| EMAPA:17968[male reproductive system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 2094 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:19180, name=seminal vesicle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:19180 has synonyms [vesicular seminalis] | | |

| Modified OBOComponent 2095 | | | |
|--|---|------|-----------------|
| ID | EMAPA:19182 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19001[left lung alveolar system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00053, name=lobar bronchus, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17656, name=left lung lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19000, name=left lung bronchiole, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19001, name=left lung alveolar system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19182, name=left lung alveolus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| | 2. [| | |

Modified OBOComponent 2095

| | | | |
|---|---|-------------|---------|
| OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17653, name=left lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17656, name=left lung lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19000, name=left lung bronchiole, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19001, name=left lung alveolar system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19182, name=left lung alveolus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19182 has name [alveolus] | | |

Modified OBOComponent 2096

| | | | |
|--|---|------|-----------------|
| ID | EMAPA:19183 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19001[left lung alveolar system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, | | |

Modified OBOComponent 2096

```
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16727, name=respiratory
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16728, name=lung,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00053, name=lobar bronchus,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17656, name=left lung lobar
bronchus, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19000, name=left lung
bronchiole, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19001, name=left lung
alveolar system, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19183, name=left lung
alveolar duct, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16727, name=respiratory
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16728, name=lung,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17653, name=left lung,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17656, name=left lung lobar
bronchus, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS20, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19000, name=left lung
bronchiole, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS24, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19001, name=left lung
alveolar system, statusChange=CHANGED,
```


| Modified OBOComponent 2096 | | | |
|----------------------------|--|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19183, name=left lung alveolar duct, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19183 has name [alveolar duct] | | |

| Modified OBOComponent 2097 | | | |
|---|---|------|-----------------|
| ID | EMAPA:19184 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19009[right lung middle lobe alveolar system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17997, name=right lung middle lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17998, name=right lung middle lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19008, name=right lung middle lobe bronchiole, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19009, name=right lung middle lobe alveolar system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19184, name=right lung middle lobe alveolus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 2097 | | | |
|----------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19184 has name [alveolus] | | |

| Modified OBOComponent 2098 | | | |
|---|--|-------------|-----------------|
| ID | EMAPA:19185 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19009[right lung middle lobe alveolar system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17997, name=right lung middle lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17998, name=right lung middle lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19008, name=right lung middle lobe bronchiole, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19009, name=right lung middle lobe alveolar system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19185, name=right lung middle lobe alveolar duct, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19185 has name [alveolar duct] | | |

| Modified OBOComponent 2099 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:19186 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19007[right lung cranial lobe alveolar system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17991, name=right lung cranial lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17992, name=right lung cranial lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19006, name=right lung cranial lobe bronchiole, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19007, name=right lung cranial lobe alveolar system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19186, name=right lung cranial lobe alveolus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19186 has name [alveolus] | | |

| Modified OBOComponent 2100 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:19187 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| | | | |

| | | | |
|--|--|---------------|---------|
| Modified OBOComponent 2100 | | | |
| EMAPA:19007[right lung cranial lobe alveolar system] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17991, name=right lung cranial lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17992, name=right lung cranial lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19006, name=right lung cranial lobe bronchiole, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19007, name=right lung cranial lobe alveolar system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19187, name=right lung cranial lobe alveolar duct, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19187 has name [alveolar duct] | | |

| | | | |
|---|-------------|---------------|-----------------|
| Modified OBOComponent 2101 | | | |
| ID | EMAPA:19188 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19005[right lung caudal lobe alveolar system] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| | | | |

| Modified OBOComponent 2101 | | | |
|----------------------------|---|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17986, name=right lung caudal lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17987, name=right lung caudal lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19004, name=right lung caudal lobe bronchiole, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19005, name=right lung caudal lobe alveolar system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19188, name=right lung caudal lobe alveolus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19188 has name [alveolus] | | |

| Modified OBOComponent 2102 | | | |
|---|--|------|-----------------|
| ID | EMAPA:19189 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19005[right lung caudal lobe alveolar system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

| Modified OBOComponent 2102 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17986, name=right lung caudal lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17987, name=right lung caudal lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19004, name=right lung caudal lobe bronchiole, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19005, name=right lung caudal lobe alveolar system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19189, name=right lung caudal lobe alveolar duct, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19189 has name [alveolar duct] | | |

| Modified OBOComponent 2103 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16572 | Name | Starts At |
| TS14 | Ends At | TS14 | Primary Parents |
| EMAPA:16263[stomatodaeum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 2103 | | | |
|----------------------------|--|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16263, name=stomatodaeum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0], OBOComponent [id=EMAPA:16572, name=stomatodaeum gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16572 has name [gland] | | |

| Modified OBOComponent 2104 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:16570 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16255[midgut] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:16570, name=midgut vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 2104 | |
|----------------------------|---|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16570 has name [vascular element] |

| Modified OBOComponent 2105 | | | |
|-----------------------------------|--|-------------|-----------------|
| ID | EMAPA:16576 | Name | Starts At |
| TS14 | Ends At | TS18 | Primary Parents |
| EMAPA:16367[genitourinary system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16367, name=genitourinary system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16576, name=genitourinary system associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16576 has name [associated mesenchyme] | | |

| Modified OBOComponent 2106 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16575 | Name | Starts At |
| TS14 | Ends At | TS14 | Primary Parents |
| EMAPA:16263[stomatodaeum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, | | |

| Modified OBOComponent 2106 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16263, name=stomatodaeum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS14, present=0], OBOComponent [id=EMAPA:16575, name=stomatodaeum rest of ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS14, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16575 has name [rest of ectoderm] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16575 has synonyms [rest of epithelium] | | |

| Modified OBOComponent 2107 | | | |
|-----------------------------------|---|-------------|-----------------|
| ID | EMAPA:16568 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16251[hindgut diverticulum] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16251, name=hindgut diverticulum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS20, present=0], OBOComponent [id=EMAPA:16568, name=hindgut diverticulum vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 2107 | |
|----------------------------|---|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16568 has name [vascular element] |

| Modified OBOComponent 2108 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:19192 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:16853[trachea] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16737, name=respiratory tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16738, name=lower respiratory tract, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16853, name=trachea, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:19192, name=trachea smooth muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19192 has name [smooth muscle] | | |

| Modified OBOComponent 2109 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16569 | Name | Starts At |
| TS14 | Ends At | TS23 | Primary Parents |
| EMAPA:16255[midgut] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

| Modified OBOComponent 2109 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16255, name=midgut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS23, present=0], OBOComponent [id=EMAPA:16569, name=midgut epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:16569 has End Stage TS16 | | |
| | 2. Different Name - Referenced OBOComponent EMAPA:16569 has name [epithelium] | | |

| Modified OBOComponent 2110 | | | |
|--------------------------------------|--|------|-----------------|
| ID | EMAPA:16566 | Name | Starts At |
| TS14 | Ends At | TS23 | Primary Parents |
| EMAPA:16363[foregut-midgut junction] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], | | |

| Modified OBOComponent 2110 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16363, name=foregut-midgut junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS23, present=0], OBOComponent [id=EMAPA:16566, name=foregut-midgut junction vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16566 has name [vascular element] | | |

| Modified OBOComponent 2111 | | | |
|--|--|------|-----------------|
| ID | EMAPA:19190 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19003[right lung accessory lobe alveolar system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17981, name=right lung accessory lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17982, name=right lung accessory lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19002, name=right lung accessory lobe bronchiole, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19003, name=right lung accessory lobe alveolar system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0],] | | |

| Modified OBOComponent 2111 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:19190, name=right lung accessory lobe alveolus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19190 has name [alveolus] | | |

| Modified OBOComponent 2112 | | | |
|-----------------------------------|--|-------------|-----------------|
| ID | EMAPA:16567 | Name | Starts At |
| TS14 | Ends At | TS16 | Primary Parents |
| EMAPA:16251[hindgut diverticulum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16251, name=hindgut diverticulum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS20, present=0], OBOComponent [id=EMAPA:16567, name=hindgut diverticulum epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16567 has name [epithelium] | | |

| Modified OBOComponent 2113 | | | |
|--|-------------|------|-----------------|
| ID | EMAPA:19191 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19003[right lung accessory lobe alveolar system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [| | |

| Modified OBOComponent 2113 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17661, name=right lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17981, name=right lung accessory lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17982, name=right lung accessory lobe lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19002, name=right lung accessory lobe bronchiole, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19003, name=right lung accessory lobe alveolar system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19191, name=right lung accessory lobe alveolar duct, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19191 has name [alveolar duct] | | |

| Modified OBOComponent 2114 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:19197 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:17682[temporal bone] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 2114 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17681, name=chondrocranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17682, name=temporal bone, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19197, name=tympanic ring, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17680, name=cranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17681, name=chondrocranium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17682, name=temporal bone, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19197, name=tympanic ring, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:19197 has synonyms [os tympanicum] | | |

| Modified OBOComponent 2115 | | | |
|---|-------------|------|-----------------|
| ID | EMAPA:19168 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:17798[trigeminal V nerve mandibular division] | | | Group Parents |

| Modified OBOComponent 2115 | |
|----------------------------|---|
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17576, name=trigeminal V nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17798, name=trigeminal V nerve mandibular division, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:19168, name=trigeminal V nerve lingual branch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00270, name=nerve, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0],</p> |

| Modified OBOComponent 2115 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17576, name=trigeminal V nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17798, name=trigeminal V nerve mandibular division, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19168, name=trigeminal V nerve lingual branch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19168 has name [lingual branch] | | |

| Modified OBOComponent 2116 | | | |
|-------------------------------|---|-------------|-----------------|
| ID | EMAPA:31169 | Name | Starts At |
| TS12 | Ends At | TS22 | Primary Parents |
| TH:00001[paraxial mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:31169 has parents [EMAPA:25765] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:31169 has parents [TH:00001] | | |
| | 3. Different Primary Status - Referenced OBOComponent was a Primary component. | | |

| Modified OBOComponent 2117 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:19161 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:18290[mandible] | | | Group Parents |
| | | | Synonyms |

| Modified OBOComponent 2117 | | | |
|----------------------------|---|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17906, name=lower jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17910, name=lower jaw skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18290, name=mandible, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19161, name=mandibular canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:19161 has synonyms [inferior alveolar canal] | | |

| Modified OBOComponent 2118 | | | |
|---|--|------|-----------------|
| ID | EMAPA:16597 | Name | Starts At |
| TS15 | Ends At | TS16 | Primary Parents |
| EMAPA:16182[trunk mesenchyme derived from neural crest] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2118 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16182, name=trunk mesenchyme derived from neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0], OBOComponent [id=EMAPA:16597, name=trunk mesenchyme derived from neural crest medial migration pathway, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16182, name=trunk mesenchyme derived from neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0], OBOComponent [id=EMAPA:16597, name=trunk mesenchyme derived from neural crest medial migration pathway, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16597 has name [medial migration pathway] | | |

| Modified OBOComponent 2119 | | | |
|-----------------------------|---|------|-----------------|
| ID | EMAPA:16595 | Name | Starts At |
| TS15 | Ends At | TS15 | Primary Parents |
| EMAPA:16593[hindlimb ridge] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 2119 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16593, name=hindlimb ridge, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS15, present=0], OBOComponent [id=EMAPA:16595, name=hindlimb ridge mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS15, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16595 has name [mesenchyme] | | |

| Modified OBOComponent 2120 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16596 | Name | Starts At |
| TS15 | Ends At | TS16 | Primary Parents |
| EMAPA:16182[trunk mesenchyme derived from neural crest] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16182, name=trunk mesenchyme derived from neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0], OBOComponent [id=EMAPA:16596, name=trunk mesenchyme derived from neural crest lateral migration pathway, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2120 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16182, name=trunk mesenchyme derived from neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0], OBOComponent [id=EMAPA:16596, name=trunk mesenchyme derived from neural crest lateral migration pathway, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16596 has name [lateral migration pathway] | | |

| Modified OBOComponent 2121 | | | |
|-----------------------------|--|-------------|-----------------|
| ID | EMAPA:16594 | Name | Starts At |
| TS15 | Ends At | TS15 | Primary Parents |
| EMAPA:16593[hindlimb ridge] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16593, name=hindlimb ridge, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS15, present=0], OBOComponent [id=EMAPA:16594, name=hindlimb ridge ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS15, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16594 has name [ectoderm] | | |

| Modified OBOComponent 2122 | | | |
|---|-------------|------|-----------------|
| ID | EMAPA:16591 | Name | Starts At |
| TS15 | Ends At | TS16 | Primary Parents |
| EMAPA:16139[peritoneal component mesothelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

| Modified OBOComponent 2122 | | | |
|----------------------------|--|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16137, name=peritoneal component, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16139, name=peritoneal component mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS16, present=0], OBOComponent [id=EMAPA:16591, name=peritoneal component parietal mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16591 has name [parietal] | | |

| Modified OBOComponent 2123 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16592 | Name | Starts At |
| TS15 | Ends At | TS16 | Primary Parents |
| EMAPA:16139[peritoneal component mesothelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16137, name=peritoneal component, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0], | | |

| Modified OBOComponent 2123 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16139, name=peritoneal component mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS16, present=0], OBOComponent [id=EMAPA:16592, name=peritoneal component visceral mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16592 has name [visceral] | | |

| Modified OBOComponent 2124 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:16590 | Name | Starts At |
| TS15 | Ends At | TS22 | Primary Parents |
| EMAPA:16284[pericardio-peritoneal canal mesothelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16282, name=pericardio-peritoneal canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS22, present=0], OBOComponent [id=EMAPA:16284, name=pericardio-peritoneal canal mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS22, present=0], OBOComponent [id=EMAPA:16590, name=pericardio-peritoneal canal parietal mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16590 has name [parietal] | | |

| Modified OBOComponent 2125 | | | |
|---|-------------|------|-----------------|
| ID | EMAPA:19176 | Name | Starts At |
| TS20 | Ends At | TS28 | Primary Parents |
| EMAPA:18687[interstitium of the testis] | | | Group Parents |
| | | | Synonyms |
| | | | |

| Modified OBOComponent 2125 | | | |
|----------------------------|--|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:17972, name=testis, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:18687, name=interstitium of the testis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:19176, name=rest of interstitium of the testis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:19176 has synonyms [non-specific mesenchyme] | | |

| Modified OBOComponent 2126 | | | |
|-----------------------------------|--|------|-----------------|
| ID | EMAPA:19174 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:19172[female inguinal ring] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], | | |

| Modified OBOComponent 2126 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:19172, name=female inguinal ring, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:19174, name=female external inguinal ring, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19174 has name [external] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:19174 has synonyms [superficial] | | |

| Modified OBOComponent 2127 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:31159 | Name | Starts At |
| TS14 | Ends At | TS22 | Primary Parents |
| EMAPA:31169[somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:31159, name=sclerotome group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS14, end=TS22, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, | | |

| Modified OBOComponent 2127 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:31159, name=sclerotome group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS14, end=TS22, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:31159 has name [myocoele group] 2. Different Parents - Referenced OBOComponent EMAPA:31159 has parents [EMAPA:25765] 3. Different Parents - Referenced OBOComponent EMAPA:31159 has parents [EMAPA:31169] 4. Different Primary Status - Referenced OBOComponent was a Primary component. | | |

| Modified OBOComponent 2128 | | | |
|-----------------------------------|---|-------------|-----------------|
| ID | EMAPA:19173 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:19172[female inguinal ring] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:19172, name=female inguinal ring, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:19173, name=female internal inguinal ring, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 2128 | |
|----------------------------|---|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19173 has name [internal] |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:19173 has synonyms [deep] |

| Modified OBOComponent 2129 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:19172 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:17959[female reproductive system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:19172, name=female inguinal ring, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19172 has name [inguinal ring] | | |

| Modified OBOComponent 2130 | | | |
|---|--|------|-----------------|
| ID | EMAPA:19171 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:17959[female reproductive system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2130 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:19171, name=female inguinal canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19171 has name [inguinal canal] | | |

| Modified OBOComponent 2131 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:16589 | Name | Starts At |
| TS15 | Ends At | TS22 | Primary Parents |
| EMAPA:16133[pericardial component mesothelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16131, name=pericardial component, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16133, name=pericardial component mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16589, name=pericardial component visceral mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16589 has name [visceral] | | |

| Modified OBOComponent 2132 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:16588 | Name | Starts At |
| TS15 | Ends At | TS22 | Primary Parents |
| EMAPA:16133[pericardial component mesothelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16060, name=cavities and their linings, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS08, end=TS26, present=0], OBOComponent [id=EMAPA:16088, name=intraembryonic coelom, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16131, name=pericardial component, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16133, name=pericardial component mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16588, name=pericardial component parietal mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16588 has name [parietal] | | |

| Modified OBOComponent 2133 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:19144 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17499[upper leg] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], | | |

| Modified OBOComponent 2133 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17499, name=upper leg, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19144, name=upper leg skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19144 has name [skeletal muscle] | | |

| Modified OBOComponent 2134 | | | |
|---|---|------|-----------------|
| ID | EMAPA:19149 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19055[midbrain subarachnoid space] | | | Group Parents |
| | | | Synonyms |
| [cisterna interpeduncularis, interpeduncular cistern] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00040, name=meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00044, name=brain meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00048, name=brain subarachnoid space, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19055, name=midbrain subarachnoid space, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19149, name=midbrain basal cistern, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |

Modified OBOComponent 2134

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2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17791, name=midbrain
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19055, name=midbrain
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19149, name=midbrain basal
cistern, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS26, present=0 ]]

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3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00048, name=brain subarachnoid
space, statusChange=NEW, statusRule=PASSED,

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Modified OBOComponent 2134

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dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19055, name=midbrain
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19149, name=midbrain basal
cistern, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS26, present=0 ]]
```

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4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17791, name=midbrain
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19055, name=midbrain
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19149, name=midbrain basal
cistern, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS25, end=TS26, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

| Modified OBOComponent 2134 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16974, name=midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17791, name=midbrain meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19055, name=midbrain subarachnoid space, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19149, name=midbrain basal cistern, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19149 has name [basal cistern] | | |

| Modified OBOComponent 2135 | | | |
|--|---|------|-----------------|
| ID | EMAPA:31144 | Name | Starts At |
| TS14 | Ends At | TS19 | Primary Parents |
| EMAPA:31159[sclerotome group] EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:31144, name=trunk sclerotome group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS14, end=TS19, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

Modified OBOComponent 2135

```
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:31144, name=trunk
sclerotome group, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS14,
end=TS19, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:31159, name=sclerotome
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS14, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:31144, name=trunk
sclerotome group, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS14,
end=TS19, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:31144, name=trunk
sclerotome group, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
```

Modified OBOComponent 2135

```
namespace=abstract_anatomy, group=true, start=TS14,
end=TS19, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:31144, name=trunk
sclerotome group, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS14,
end=TS19, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:31144, name=trunk
sclerotome group, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS14,
end=TS19, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
```

Modified OBOComponent 2135

```
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:31159, name=sclerotome
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS14, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:31144, name=trunk
sclerotome group, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS14,
end=TS19, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:31144, name=trunk
sclerotome group, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS14,
end=TS19, present=0 ]]
```

```
9. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
```


Modified OBOComponent 2135

| | | | |
|---|--|-------------|---------|
| namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:31144, name=trunk sclerotome group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS14, end=TS19, present=0]] | | | |
| 10. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:31144, name=trunk sclerotome group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS14, end=TS19, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:31144 has name [body sclerotome group] | | |
| | 2. Different Primary Status - Referenced OBOComponent was a Primary component. | | |

Modified OBOComponent 2136

| | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:30870 | Name | Starts At |
| TS20 | Ends At | TS21 | Primary Parents |
| EMAPA:17379[urogenital sinus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 2136 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17379, name=urogenital sinus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS22, present=0], OBOComponent [id=EMAPA:30870, name=primitive bladder, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS21, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:30870 has synonyms [cranial urogenital sinus] | | |

| Modified OBOComponent 2137 | | | |
|--|---|------|-----------------|
| ID | EMAPA:19157 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:18592[neural retina nuclear layer] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17168, name=retina, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:18590, name=neural retina, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18592, name=neural retina nuclear layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:19157, name=outer nuclear layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0] | | |
| | | | |

| Modified OBOComponent 2137 | | | |
|----------------------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:19157 has synonyms [neuroblastic layer] | | |

| Modified OBOComponent 2138 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:19156 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:18592[neural retina nuclear layer] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17168, name=retina, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:18590, name=neural retina, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:18592, name=neural retina nuclear layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:19156, name=intermediate anuclear layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:19156 has synonyms [layer of Chievitz] | | |

| Modified OBOComponent 2139 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:19153 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:16198[eye] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [| | |

| Modified OBOComponent 2139 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:19153, name=Harderian gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:19153 has synonyms [inferior aveolar canal] | | |

| Modified OBOComponent 2140 | | | |
|--|--|------|-----------------|
| ID | EMAPA:19150 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19055[midbrain subarachnoid space] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00040, name=meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00044, name=brain meninges, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=TH:00048, name=brain subarachnoid space, statusChange=NEW, statusRule=PASSED, | | |

Modified OBOComponent 2140

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19055, name=midbrain
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19150, name=midbrain
cisterna chiasmatica, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17791, name=midbrain
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19055, name=midbrain
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19150, name=midbrain
cisterna chiasmatica, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
```

Modified OBOComponent 2140

```
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00048, name=brain subarachnoid
space, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19055, name=midbrain
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19150, name=midbrain
cisterna chiasmatica, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17791, name=midbrain
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19055, name=midbrain
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19150, name=midbrain
cisterna chiasmatica, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS25, end=TS26, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
```


| Modified OBOComponent 2140 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16974, name=midbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17791, name=midbrain meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19055, name=midbrain subarachnoid space, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:19150, name=midbrain cisterna chiasmatica, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19150 has name [cisterna chiasmatica] | | |

| Modified OBOComponent 2141 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:26987 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:26981[oesophagus mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, | | |

| Modified OBOComponent 2141 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16833, name=oesophagus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS23, present=0], OBOComponent [id=EMAPA:26981, name=oesophagus mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:26987, name=oesophagus lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26987 has name [lamina propria] | | |

| Modified OBOComponent 2142 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:26989 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:26981[oesophagus mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16833, name=oesophagus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS23, present=0], OBOComponent [id=EMAPA:26981, name=oesophagus mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:26989, name=oesophagus muscularis mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 2142 | | | |
|----------------------------|--|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26989 has name [muscularis mucosa] | | |

| Modified OBOComponent 2143 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:26983 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:16833[oesophagus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16833, name=oesophagus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS23, present=0], OBOComponent [id=EMAPA:26983, name=oesophagus muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26983 has name [muscularis] | | |

| Modified OBOComponent 2144 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:16608 | Name | Starts At |
| TS15 | Ends At | TS18 | Primary Parents |
| EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

Modified OBOComponent 2144

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16608, name=somite 23,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16608, name=somite 23,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
```

Modified OBOComponent 2144

```
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16608, name=somite 23,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16608, name=somite 23,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16608, name=somite 23,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
```

Modified OBOComponent 2144

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16608, name=somite 23,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16608, name=somite 23,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
```


| Modified OBOComponent 2144 | | | |
|----------------------------|--|-------------|---------|
| | start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16608, name=somite 23, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16608 has parents [EMAPA:16184, EMAPA:31169] | | |

| Modified OBOComponent 2145 | | | |
|--------------------------------|--|-------------|-----------------|
| ID | EMAPA:26985 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:26981[oesophagus mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16833, name=oesophagus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS23, present=0], OBOComponent [id=EMAPA:26981, name=oesophagus mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:26985, name=oesophagus epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent | | |

Modified OBOComponent 2145

EMAPA:26985 has name [epithelium]

Modified OBOComponent 2146

| | | | |
|---------------------------------|-------------|------|-----------------|
| ID | EMAPA:16604 | Name | Starts At |
| TS15 | Ends At | TS18 | Primary Parents |
| EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

Alternate Paths

1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16604, name=somite 22, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0]]

2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16604, name=somite 22, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0]]

3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED,

Modified OBOComponent 2146

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16604, name=somite 22,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

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4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16604, name=somite 22,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
```

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```
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16604, name=somite 22,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16604, name=somite 22,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16604, name=somite 22,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

Modified OBOComponent 2146

| | | | |
|---|---|-------------|---------|
| 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16604, name=somite 22, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16604 has parents [EMAPA:16184, EMAPA:31169] | | |

Modified OBOComponent 2147

| | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17329 | Name | Starts At |
| TS19 | Ends At | TS22 | Primary Parents |
| EMAPA:16346[outflow tract] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16346, name=outflow tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS22, present=0], OBOComponent [id=EMAPA:17329, name=outflow tract aortic component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 2147 | | | |
|----------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS19, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17329 has name [aortic component] | | |

| Modified OBOComponent 2148 | | | |
|---------------------------------|---|-------------|-----------------|
| ID | EMAPA:17328 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17327[right atrium valve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17321, name=right atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17327, name=right atrium valve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17328, name=right atrium venous valve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17328 has name [venous valve] | | |

| Modified OBOComponent 2149 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17327 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17321[right atrium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

| Modified OBOComponent 2149 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17321, name=right atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17327, name=right atrium valve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17327 has name [valve] | | |

| Modified OBOComponent 2150 | | | |
|---------------------------------|---|------|-----------------|
| ID | EMAPA:16600 | Name | Starts At |
| TS15 | Ends At | TS18 | Primary Parents |
| EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16600, name=somite 21, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

Modified OBOComponent 2150

```
start=TS15, end=TS18, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16600, name=somite 21,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16600, name=somite 21,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
```

Modified OBOComponent 2150

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16600, name=somite 21,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16600, name=somite 21,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16600, name=somite 21,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
```

| Modified OBOComponent 2150 | | | |
|----------------------------|--|--|---------|
| | | newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0]] | |
| | | 7. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16600, name=somite 21, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0]] | |
| | | 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16600, name=somite 21, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16600 has parents [EMAPA:16184, EMAPA:31169] | | |

| Modified OBOComponent 2151 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:17326 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |

| | | | |
|----------------------------|---|---------------|---------|
| Modified OBOComponent 2151 | | | |
| EMAPA:17321[right atrium] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17321, name=right atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17326, name=right atrium cardiac muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17326 has name [cardiac muscle] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17326 has synonyms [myocardium] | | |

| Modified OBOComponent 2152 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17325 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17321[right atrium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular | | |

| Modified OBOComponent 2152 | | | |
|----------------------------|---|-------------|---------|
| | system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17321, name=right atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17325, name=right atrium endocardial lining, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17325 has name [endocardial lining] | | |

| Modified OBOComponent 2153 | | | |
|--------------------------------------|--|-------------|-----------------|
| ID | EMAPA:17334 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17333[interventricular septum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17331, name=ventricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17333, name=interventricular septum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17334, name=interventricular septum endocardial lining, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17334 has name [endocardial lining] | | |

| Modified OBOComponent 2154 | | | |
|--------------------------------------|--|-------------|-----------------|
| ID | EMAPA:17335 | Name | Starts At |
| TS19 | Ends At | TS21 | Primary Parents |
| EMAPA:17333[interventricular septum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17331, name=ventricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17333, name=interventricular septum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17335, name=interventricular septum cardiac muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS21, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17335 has name [cardiac muscle] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17335 has synonyms [myocardium] | | |

| Modified OBOComponent 2155 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17333 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17331[ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 2155 | | | |
|----------------------------|---|-------------|---------|
| | group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17331, name=ventricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17333, name=interventricular septum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17333 has synonyms [ependymal septum] | | |

| Modified OBOComponent 2156 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:17330 | Name | Starts At |
| TS19 | Ends At | TS22 | Primary Parents |
| EMAPA:16346[outflow tract] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16346, name=outflow tract, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS22, present=0], OBOComponent [id=EMAPA:17330, name=outflow tract pulmonary component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17330 has name [pulmonary component] | | |

| Modified OBOComponent 2157 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:29671 | Name | Starts At |
| TS28 | Ends At | TS28 | Primary Parents |
| EMAPA:29665[loop of Henle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:19279, name=renal medulla, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28310, name=outer medulla, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:29663, name=outer stripe of outer medulla, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0], OBOComponent [id=EMAPA:29665, name=loop of Henle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0], OBOComponent [id=EMAPA:29671, name=distal straight tubule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:29671 has synonyms [thick ascending limb] | | |

| Modified OBOComponent 2158 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:26991 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18860[oesophagus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 2158 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18860, name=oesophagus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:26991, name=oesophagus mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26991 has name [mucosa] | | |

| Modified OBOComponent 2159 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:31109 | Name | Starts At |
| TS14 | Ends At | TS22 | Primary Parents |
| EMAPA:31169[somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:31109, name=dermomyotome group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS14, end=TS22, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 2159 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:31109, name=dermomyotome group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS14, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:31109 has name [dermoyotome group] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:31109 has parents [EMAPA:25765] | | |
| | 3. Different Parents - Referenced OBOComponent EMAPA:31109 has parents [EMAPA:31169] | | |
| | 4. Different Primary Status - Referenced OBOComponent was a Primary component. | | |

| Modified OBOComponent 2160 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:26995 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18860[oesophagus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18860, name=oesophagus, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2160 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:26995, name=oesophagus muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26995 has name [muscularis] | | |

| Modified OBOComponent 2161 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17319 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17315[left atrium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17315, name=left atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17319, name=left atrium endocardial lining, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17319 has name [endocardial lining] | | |

| Modified OBOComponent 2162 | | | |
|---------------------------------|-------------|------|-----------------|
| ID | EMAPA:16616 | Name | Starts At |
| TS15 | Ends At | TS18 | Primary Parents |
| EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [| | |

Modified OBOComponent 2162

```
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16616, name=somite 25,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16616, name=somite 25,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
```

Modified OBOComponent 2162

```
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16616, name=somite 25,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16616, name=somite 25,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16616, name=somite 25,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
```

Modified OBOComponent 2162

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16616, name=somite 25,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16616, name=somite 25,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
```

| Modified OBOComponent 2162 | | | |
|----------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16616, name=somite 25, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16616 has parents [EMAPA:16184, EMAPA:31169] | | |

| Modified OBOComponent 2163 | | | |
|---|--|-------------|-----------------|
| ID | EMAPA:17318 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17316[left atrium auricular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17315, name=left atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17316, name=left atrium auricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17318, name=left atrium auricular region cardiac muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17318 has name [cardiac muscle] | | |

Modified OBOComponent 2163

2. Different Synonyms - Referenced
OBOComponent EMAPA:17318 has synonyms [myocardium]

Modified OBOComponent 2164

| | | | |
|---------------------------------|-------------|------|-----------------|
| ID | EMAPA:16612 | Name | Starts At |
| TS15 | Ends At | TS18 | Primary Parents |
| EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

Alternate Paths

1. [
OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],
OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],
OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0],
OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],
OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0],
OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0],
OBOComponent [id=EMAPA:16612, name=somite 24, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0]]

2. [
OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],
OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],
OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0],
OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],
OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0],
OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0],
OBOComponent [id=EMAPA:16612, name=somite 24, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0]]

3. [
OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],
OBOComponent [id=EMAPA:25765, name=mouse,

Modified OBOComponent 2164

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16612, name=somite 24,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16612, name=somite 24,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
```


Modified OBOComponent 2164

```
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16612, name=somite 24,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16612, name=somite 24,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16612, name=somite 24,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS18, present=0 ]]
```

Modified OBOComponent 2164

| | | | |
|-------------|---|-------------|---------|
| | 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16612, name=somite 24, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16612 has parents [EMAPA:16184, EMAPA:31169] | | |

Modified OBOComponent 2165

| | | | |
|---|--|------|-----------------|
| ID | EMAPA:17317 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17316[left atrium auricular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17315, name=left atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 2165 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17316, name=left atrium auricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17317, name=left atrium auricular region endocardial lining, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17317 has name [endocardial lining] | | |

| Modified OBOComponent 2166 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:17316 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17315[left atrium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17315, name=left atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17316, name=left atrium auricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17316 has name [auricular region] | | |

| Modified OBOComponent 2167 | | | |
|--|-------------|------|-----------------|
| ID | EMAPA:28136 | Name | Starts At |
| TS22 | Ends At | TS28 | Primary Parents |
| EMAPA:28518[renal interstitium group] EMAPA:17952[renal cortex] | | | Group Parents |

| Modified OBOComponent 2167 | |
|----------------------------|--|
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28518, name=renal interstitium group, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS21, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28136, name=renal cortical interstitium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28518, name=renal interstitium group, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS21, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:28136, name=renal cortical interstitium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0]]</p> <p>3. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED,</p> |

Modified OBOComponent 2167

| | | | |
|--|--|-------------|---------|
| dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17952, name=renal cortex, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28136, name=renal cortical interstitium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:28136 has synonyms [cortical stroma] | | |

Modified OBOComponent 2168

| | | | |
|---------------------------------|---|------|-----------------|
| ID | EMAPA:16620 | Name | Starts At |
| TS15 | Ends At | TS19 | Primary Parents |
| EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16620, name=somite 26, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, | | |

Modified OBOComponent 2168

```
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16620, name=somite 26,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16620, name=somite 26,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
```


Modified OBOComponent 2168

```
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16620, name=somite 26,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16620, name=somite 26,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16620, name=somite 26,
```

Modified OBOComponent 2168

| | | | |
|--|--|-------------|---------|
| statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0]] | | | |
| 7. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16620, name=somite 26, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0]] | | | |
| 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16620, name=somite 26, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16620 has parents [EMAPA:16184, EMAPA:31169] | | |

Modified OBOComponent 2169

| | | | |
|----|-------------|------|-----------|
| ID | EMAPA:17322 | Name | Starts At |
| | | | |

| Modified OBOComponent 2169 | | | |
|----------------------------|---|-------------|-----------------|
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17321[right atrium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17321, name=right atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17322, name=right atrium auricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17322 has name [auricular region] | | |

| Modified OBOComponent 2170 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17323 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17322[right atrium auricular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2170 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17321, name=right atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17322, name=right atrium auricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17323, name=right atrium auricular region endocardial lining, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17323 has name [endocardial lining] | | |

| Modified OBOComponent 2171 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17324 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17322[right atrium auricular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17321, name=right atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17322, name=right atrium auricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17324, name=right atrium auricular region cardiac muscle, | | |

| Modified OBOComponent 2171 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17324 has name [cardiac muscle] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17324 has synonyms [myocardium] | | |

| Modified OBOComponent 2172 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17320 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17315[left atrium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17315, name=left atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17320, name=left atrium cardiac muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17320 has name [cardiac muscle] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17320 has synonyms [myocardium] | | |

| Modified OBOComponent 2173 | | | |
|---|-------------|------|-----------------|
| ID | EMAPA:31119 | Name | Starts At |
| TS14 | Ends At | TS19 | Primary Parents |
| EMAPA:31134[myocoele group] EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |
| | | | |

Modified OBOComponent 2173

| | |
|-----------------|---|
| [] | Primary Path |
| Alternate Paths | <div data-bbox="518 192 1353 929"> <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:31119, name=trunk myocoele group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS14, end=TS19, present=0]]</p> </div> <div data-bbox="518 929 1353 1646"> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:31119, name=trunk myocoele group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS14, end=TS19, present=0]]</p> </div> <div data-bbox="518 1646 1353 2130"> <p>3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, </p> </div> |

Modified OBOComponent 2173

```
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:31119, name=trunk myocoele
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS14, end=TS19, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:31119, name=trunk myocoele
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS14, end=TS19, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:31119, name=trunk myocoele
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS14, end=TS19, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
```

Modified OBOComponent 2173

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:31119, name=trunk myocoele
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS14, end=TS19, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:31119, name=trunk myocoele
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS14, end=TS19, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
```

| Modified OBOComponent 2173 | | | |
|----------------------------|--|--|---------|
| | | OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:31119, name=trunk myocoele group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS14, end=TS19, present=0] | |
| | | 9. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:31134, name=myocoele group, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS14, end=TS22, present=0], OBOComponent [id=EMAPA:31119, name=trunk myocoele group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS14, end=TS19, present=0] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:31119 has name [body myocoele group] | | |
| | 2. Different Primary Status - Referenced OBOComponent was a Primary component. | | |

| Modified OBOComponent 2174 | | | |
|---|--|------|-----------------|
| ID | EMAPA:29695 | Name | Starts At |
| TS14 | Ends At | TS19 | Primary Parents |
| EMAPA:31109[dermomyotome group] EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 2174

```
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:29695, name=trunk
dermomyotome group, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS14,
end=TS19, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:29695, name=trunk
dermomyotome group, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS14,
end=TS19, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:31109, name=dermomyotome
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS14, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:29695, name=trunk
dermomyotome group, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS14,
end=TS19, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
```

Modified OBOComponent 2174

```
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:29695, name=trunk
dermomyotome group, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS14,
end=TS19, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:29695, name=trunk
dermomyotome group, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS14,
end=TS19, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 2174

```
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:29695, name=trunk
dermomyotome group, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS14,
end=TS19, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:31109, name=dermomyotome
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS14, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:29695, name=trunk
dermomyotome group, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS14,
end=TS19, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:29695, name=trunk
dermomyotome group, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS14,
end=TS19, present=0 ]]
```

```
9. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```


Modified OBOComponent 2174

```

group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:29695, name=trunk
dermomyotome group, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS14,
end=TS19, present=0 ]]

```

```

10. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:29695, name=trunk
dermomyotome group, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS14,
end=TS19, present=0 ]]

```

| | | | |
|-------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:29695 has name [body dermomyotome group] | | |
| | 2. Different Primary Status - Referenced OBOComponent was a Primary component. | | |

Modified OBOComponent 2175

| | | | |
|----------------------|-------------|------|-----------------|
| ID | EMAPA:17351 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:16706[pharynx] | | | Group Parents |
| | | | |

| Modified OBOComponent 2175 | | | |
|----------------------------|---|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:17351, name=hyoid pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17351 has name [hyoid cartilage pre-cartilage condensation] 2. Different Synonyms - Referenced OBOComponent EMAPA:17351 has synonyms [Reichert's cartilage pre-cartilage condensation] | | |

| Modified OBOComponent 2176 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:17357 | Name | Starts At |
| TS19 | Ends At | TS20 | Primary Parents |
| EMAPA:17355[mandibular process] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, | | |

| Modified OBOComponent 2176 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17355, name=mandibular process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS20, present=0], OBOComponent [id=EMAPA:17357, name=mandibular process mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17357 has name [mesenchyme] | | |

| Modified OBOComponent 2177 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:26020 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17321[right atrium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17321, name=right atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:26020, name=right atrium lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent | | |

| | |
|-----------------------------------|------------------------------|
| Modified OBOComponent 2177 | |
| | EMAPA:26020 has name [lumen] |

| | | | |
|-----------------------------------|--|-------------|-----------------|
| Modified OBOComponent 2178 | | | |
| ID | EMAPA:17339 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17337[left ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17331, name=ventricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17337, name=left ventricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17339, name=left ventricle cardiac muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17339 has name [cardiac muscle] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17339 has synonyms [myocardium] | | |

| | | | |
|-----------------------------------|---|------|-----------------|
| Modified OBOComponent 2179 | | | |
| ID | EMAPA:17338 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17337[left ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

| Modified OBOComponent 2179 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17331, name=ventricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17337, name=left ventricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17338, name=left ventricle endocardial lining, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17338 has name [endocardial lining] | | |

| Modified OBOComponent 2180 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:28937 | Name | Starts At |
| TS20 | Ends At | TS23 | Primary Parents |
| EMAPA:28909[mesonephros of female] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:28909, name=mesonephros of female, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:28937, name=paramesonephric | | |

| Modified OBOComponent 2180 | | | |
|----------------------------|--|-------------|---------|
| | duct of female, mesonephric portion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:28937 has synonyms [Mullerian duct of female] | | |

| Modified OBOComponent 2181 | | | |
|---|--|-------------|-----------------|
| ID | EMAPA:30150 | Name | Starts At |
| TS23 | Ends At | TS24 | Primary Parents |
| EMAPA:28811[ureteral smooth muscle layer] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17950, name=ureter, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:27711, name=ureteral mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS24, present=0], OBOComponent [id=EMAPA:28811, name=ureteral smooth muscle layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS24, present=0], OBOComponent [id=EMAPA:30150, name=ureteral smooth muscle layer interstitium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS24, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:30150 has name [interstitium] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:30150 has synonyms [Cajal cell] | | |

| Modified OBOComponent 2182 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:17341 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |

| | | | |
|------------------------------|--|---------------|---------|
| Modified OBOComponent 2182 | | | |
| EMAPA:17340[right ventricle] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17331, name=ventricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17340, name=right ventricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17341, name=right ventricle endocardial lining, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17341 has name [endocardial lining] | | |

| | | | |
|----------------------------|--|------|-----------------|
| Modified OBOComponent 2183 | | | |
| ID | EMAPA:29683 | Name | Starts At |
| TS28 | Ends At | TS28 | Primary Parents |
| EMAPA:29679[loop of Henle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 2183 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:19279, name=renal medulla, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS28, present=0], OBOComponent [id=EMAPA:28310, name=outer medulla, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:29675, name=inner stripe of outer medulla, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0], OBOComponent [id=EMAPA:29679, name=loop of Henle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0], OBOComponent [id=EMAPA:29683, name=premacula segment of distal straight tubule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:29683 has synonyms [thick ascending limb] | | |

| Modified OBOComponent 2184 | | | |
|------------------------------|--|------|-----------------|
| ID | EMAPA:17342 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17340[right ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17331, name=ventricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17340, name=right ventricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 2184 | | | |
|----------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17342, name=right ventricle cardiac muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17342 has name [cardiac muscle] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:17342 has synonyms [myocardium] | | |

| Modified OBOComponent 2185 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:26011 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17315[left atrium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17315, name=left atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:26011, name=left atrium lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26011 has name [lumen] | | |

| Modified OBOComponent 2186 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:16644 | Name | Starts At |
| TS15 | Ends At | TS16 | Primary Parents |
| EMAPA:16642[3rd ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

Modified OBOComponent 2186*Alternate Paths*

```
1. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16471, name=future brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS16, present=0 ],
OBOComponent [ id=TH:00035, name=brain ventricle,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16642, name=3rd ventricle,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16644, name=optic recess,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS16, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16471, name=future brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16640, name=future
forebrain, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16641, name=diencephalon,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS16, present=0 ],
OBOComponent [ id=EMAPA:16642, name=3rd ventricle,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
```

| Modified OBOComponent 2186 | | | |
|----------------------------|---|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16644, name=optic recess, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16644 has synonyms [lumen of optic stalk] | | |

| Modified OBOComponent 2187 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16643 | Name | Starts At |
| TS15 | Ends At | TS16 | Primary Parents |
| EMAPA:16642[3rd ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=TH:00035, name=brain ventricle, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16642, name=3rd ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16643, name=diencephalic part of interventricular foramen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system,</p> | | |

| Modified OBOComponent 2187 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16640, name=future forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16641, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16642, name=3rd ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16643, name=diencephalic part of interventricular foramen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16643 has synonyms [ependymal foramen] | | |

| Modified OBOComponent 2188 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16646 | Name | Starts At |
| TS15 | Ends At | TS16 | Primary Parents |
| EMAPA:16641[diencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16640, name=future | | |

| Modified OBOComponent 2188 | | | |
|----------------------------|--|-------------|---------|
| | forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16641, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16646, name=diencephalon gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16646 has name [gland] | | |

| Modified OBOComponent 2189 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:16645 | Name | Starts At |
| TS15 | Ends At | TS16 | Primary Parents |
| EMAPA:16641[diencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16640, name=future forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16641, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16645, name=diencephalon floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16645 has name [floor plate] | | |

| Modified OBOComponent 2190 | | | |
|----------------------------|--|--|--|
| | | | |

| Modified OBOComponent 2190 | | | |
|-----------------------------|---|-------------|-----------------|
| ID | EMAPA:26038 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17337[left ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17331, name=ventricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17337, name=left ventricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:26038, name=left ventricle lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26038 has name [lumen] | | |

| Modified OBOComponent 2191 | | | |
|------------------------------|---|------|-----------------|
| ID | EMAPA:26047 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17340[right ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular | | |

| Modified OBOComponent 2191 | | | |
|----------------------------|---|-------------|---------|
| | system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17331, name=ventricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17340, name=right ventricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:26047, name=right ventricle lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26047 has name [lumen] | | |

| Modified OBOComponent 2192 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:19305 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:18768[thymus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:18765, name=haemolymphoid system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18766, name=haemolymphoid system gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18768, name=thymus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19305, name=thymus medullary core, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19305 has name [medullay core] | | |

| Modified OBOComponent 2193 | | | |
|----------------------------|--|--|--|
| | | | |

| Modified OBOComponent 2193 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:19306 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:18768[thymus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:18765, name=haemolymphoid system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18766, name=haemolymphoid system gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18768, name=thymus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19306, name=thymus thin fibrous capsule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19306 has name [thin fibrous capsule] | | |

| Modified OBOComponent 2194 | | | |
|--------------------------------------|--|------|-----------------|
| ID | EMAPA:19307 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:18831[thyroid gland left lobe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 2194 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18815, name=gut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:18827, name=thyroid gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18830, name=thyroid gland lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18831, name=thyroid gland left lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19307, name=thyroid gland left lobe colloid-filled follicles, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19307 has name [colloid-filled follicles] | | |

| Modified OBOComponent 2195 | | | |
|---------------------------------------|---|------|-----------------|
| ID | EMAPA:19308 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:18832[thyroid gland right lobe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18815, name=gut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:18827, name=thyroid gland, | | |

| Modified OBOComponent 2195 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18830, name=thyroid gland lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18832, name=thyroid gland right lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19308, name=thyroid gland right lobe colloid-filled follicles, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19308 has name [colloid-filled follicles] | | |

| Modified OBOComponent 2196 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:16650 | Name | Starts At |
| TS15 | Ends At | TS16 | Primary Parents |
| EMAPA:16641[diencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16640, name=future forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16641, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16650, name=diencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16650 has name [lateral wall] | | |

| Modified OBOComponent 2197 | | | |
|---|--|-------------|-----------------|
| ID | EMAPA:29633 | Name | Starts At |
| TS28 | Ends At | TS28 | Primary Parents |
| EMAPA:28844[ureteral smooth muscle layer] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17950, name=ureter, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:28844, name=ureteral smooth muscle layer, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:29633, name=ureteral smooth muscle layer inner longitudinal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:29633 has name [inner longitudinal muscle] | | |

| Modified OBOComponent 2198 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16651 | Name | Starts At |
| TS15 | Ends At | TS16 | Primary Parents |
| EMAPA:16641[diencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2198 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16640, name=future forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16641, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16651, name=diencephalon roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16651 has name [roof plate] | | |

| Modified OBOComponent 2199 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:16652 | Name | Starts At |
| TS15 | Ends At | TS16 | Primary Parents |
| EMAPA:16640[future forebrain] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16640, name=future forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16652, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, | | |

| Modified OBOComponent 2199 | | | |
|----------------------------|---|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16652 has synonyms [future cerebral hemisphere] | | |

| Modified OBOComponent 2200 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16653 | Name | Starts At |
| TS15 | Ends At | TS16 | Primary Parents |
| TH:00035[brain ventricle] EMAPA:16652[telencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=TH:00035, name=brain ventricle, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16653, name=telencephalic vesicle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous</p> | | |

| Modified OBOComponent 2200 | | | |
|----------------------------|---|-------------|---------|
| | system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16640, name=future forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16652, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16653, name=telencephalic vesicle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16653 has parents [TH:00035, EMAPA:16652] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16653 has synonyms [future lateral ventricle] | | |

| Modified OBOComponent 2201 | | | |
|--|---|------|-----------------|
| ID | EMAPA:16659 | Name | Starts At |
| TS15 | Ends At | TS26 | Primary Parents |
| EMAPA:16658[central nervous system ganglion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

| Modified OBOComponent 2201 | | | |
|----------------------------|--|---|---------|
| | | OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00269, name=ganglion, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16659, name=cranial ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16659 has name [cranial] | | |

| Modified OBOComponent 2202 | | | |
|--|--|------|-----------------|
| ID | EMAPA:16658 | Name | Starts At |
| TS15 | Ends At | TS26 | Primary Parents |
| TH:00269[ganglion] EMAPA:16470[central nervous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 2202 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00269, name=ganglion, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16658, name=central nervous system ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16658 has name [ganglion] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:16658 has parents [TH:00269, EMAPA:16470] | | |

| Modified OBOComponent 2203 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16657 | Name | Starts At |
| TS15 | Ends At | TS16 | Primary Parents |
| EMAPA:16652[telencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16640, name=future forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 2203 | | | |
|----------------------------|--|-------------|---------|
| | start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16652, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16657, name=telencephalon roof plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16657 has name [roof plate] | | |

| Modified OBOComponent 2204 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:16656 | Name | Starts At |
| TS15 | Ends At | TS16 | Primary Parents |
| EMAPA:16652[telencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16640, name=future forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16652, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16656, name=telencephalon lateral wall, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16656 has name [lateral wall] | | |

| Modified OBOComponent 2205 | | | |
|----------------------------|-------------|------|-----------|
| ID | EMAPA:16655 | Name | Starts At |
| | | | |

| Modified OBOComponent 2205 | | | |
|----------------------------|--|-------------|-----------------|
| TS15 | Ends At | TS16 | Primary Parents |
| EMAPA:16652[telencephalon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0], OBOComponent [id=EMAPA:16640, name=future forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16652, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0], OBOComponent [id=EMAPA:16655, name=telencephalon floor plate, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16655 has name [floor plate] | | |

| Modified OBOComponent 2206 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:16654 | Name | Starts At |
| TS15 | Ends At | TS16 | Primary Parents |
| EMAPA:16653[telencephalic vesicle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, | | |

Modified OBOComponent 2206

| | |
|-------------|--|
| | <p>statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=TH:00035, name=brain ventricle, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16653, name=telencephalic vesicle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16654, name=telencephalic part of interventricular foramen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16640, name=future forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16652, name=telencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16653, name=telencephalic vesicle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16654, name=telencephalic part of interventricular foramen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]]</p> |
| Rule Status | <div>PASSED</div> <div>Edit Status</div> <div>CHANGED</div> |
| Comments | <p>1. Different Synonyms - Referenced</p> <p>OBOComponent EMAPA:16654 has synonyms [ependymal foramen]</p> |

| Modified OBOComponent 2207 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:19304 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:18767[spleen] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:18765, name=haemolymphoid system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18766, name=haemolymphoid system gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18767, name=spleen, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19304, name=spleen medullary region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19304 has name [medullary region] | | |

| Modified OBOComponent 2208 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:19303 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:18767[spleen] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:18765, name=haemolymphoid system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2208 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18766, name=haemolymphoid system gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18767, name=spleen, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19303, name=spleen hilum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19303 has name [hilum] | | |

| Modified OBOComponent 2209 | | | |
|-----------------------------|---|-------------|-----------------|
| ID | EMAPA:19302 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:19204[forelimb joint] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19204, name=forelimb joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19302, name=metacarpophalangeal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19302 has name [metacarpophalangeal] | | |

| Modified OBOComponent 2210 | | | |
|--------------------------------|-------------|------|-----------------|
| ID | EMAPA:30917 | Name | Starts At |
| TS23 | Ends At | TS28 | Primary Parents |
| EMAPA:28747[urethra of female] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [| | |

| Modified OBOComponent 2210 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28747, name=urethra of female, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS28, present=0], OBOComponent [id=EMAPA:30917, name=phallic urethra of female, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS28, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:30917 has synonyms [external urethra of female] | | |

| Modified OBOComponent 2211 | | | |
|--------------------------------------|--|------|-----------------|
| ID | EMAPA:17305 | Name | Starts At |
| TS19 | Ends At | TS20 | Primary Parents |
| EMAPA:17165[lens vesicle epithelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17163, name=lens vesicle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0], OBOComponent [id=EMAPA:17165, name=lens vesicle epithelium, statusChange=CHANGED, | | |

| Modified OBOComponent 2211 | | | |
|----------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0], OBOComponent [id=EMAPA:17305, name=lens vesicle equatorial epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17305 has name [equatorial epithelium] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17305 has parents [EMAPA:17163] | | |
| | 3. Different Parents - Referenced OBOComponent EMAPA:17305 has parents [EMAPA:17165] | | |

| Modified OBOComponent 2212 | | | |
|--------------------------------------|--|-------------|-----------------|
| ID | EMAPA:17306 | Name | Starts At |
| TS19 | Ends At | TS20 | Primary Parents |
| EMAPA:17165[lens vesicle epithelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17163, name=lens vesicle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0], OBOComponent [id=EMAPA:17165, name=lens vesicle epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0], OBOComponent [id=EMAPA:17306, name=lens vesicle posterior epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17306 has name [posterior epithelium] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17306 has parents [EMAPA:17163] | | |
| | 3. Different Parents - Referenced OBOComponent EMAPA:17306 has parents [EMAPA:17165] | | |

| Modified OBOComponent 2213 | | | |
|---------------------------------|---|-------------|-----------------|
| ID | EMAPA:28965 | Name | Starts At |
| TS21 | Ends At | TS24 | Primary Parents |
| EMAPA:17965[germ cell of ovary] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:17962, name=ovary, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:17965, name=germ cell of ovary, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS24, present=0], OBOComponent [id=EMAPA:28965, name=meiotic germ cell, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS24, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:28965 has synonyms [oocyte] | | |

| Modified OBOComponent 2214 | | | |
|---------------------------------|---|------|-----------------|
| ID | EMAPA:16624 | Name | Starts At |
| TS15 | Ends At | TS19 | Primary Parents |
| EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 2214

```
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16624, name=somite 27,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16624, name=somite 27,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16624, name=somite 27,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
```

Modified OBOComponent 2214

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16624, name=somite 27,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16624, name=somite 27,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 2214

```
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16624, name=somite 27,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16624, name=somite 27,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
```

| Modified OBOComponent 2214 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16624, name=somite 27, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16624 has parents [EMAPA:16184, EMAPA:31169] | | |

| Modified OBOComponent 2215 | | | |
|--------------------------------------|--|-------------|-----------------|
| ID | EMAPA:17304 | Name | Starts At |
| TS19 | Ends At | TS20 | Primary Parents |
| EMAPA:17165[lens vesicle epithelium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17163, name=lens vesicle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0], OBOComponent [id=EMAPA:17165, name=lens vesicle epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS20, present=0], OBOComponent [id=EMAPA:17304, name=lens vesicle anterior epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17304 has name [anterior epithelium] 2. Different Parents - Referenced OBOComponent EMAPA:17304 has parents [EMAPA:17163] 3. Different Parents - Referenced OBOComponent EMAPA:17304 has parents [EMAPA:17165] | | |

| Modified OBOComponent 2216 | | | |
|---------------------------------|-------------|------|-----------------|
| ID | EMAPA:16628 | Name | Starts At |
| TS15 | Ends At | TS19 | Primary Parents |
| EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | |

| Modified OBOComponent 2216 | |
|----------------------------|--|
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16628, name=somite 28, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16628, name=somite 28, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0]]</p> <p>3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> |

Modified OBOComponent 2216

```
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16628, name=somite 28,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16628, name=somite 28,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16628, name=somite 28,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]
```

Modified OBOComponent 2216

```

6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16628, name=somite 28,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]

```

```

7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16628, name=somite 28,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]

```

```

8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,

```

| Modified OBOComponent 2216 | | | |
|----------------------------|---|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16628, name=somite 28, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16628 has parents [EMAPA:16184, EMAPA:31169] | | |

| Modified OBOComponent 2217 | | | |
|--|---|------|-----------------|
| ID | EMAPA:19335 | Name | Starts At |
| TS17 | Ends At | TS21 | Primary Parents |
| EMAPA:17392[cervical vertebral cartilage condensation] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00030, name=vertebral cartilage condensation, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17392, name=cervical vertebral cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0], OBOComponent [id=EMAPA:19335, name=C1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

Modified OBOComponent 2217

```
start=TS17, end=TS21, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17215, name=axial skeleton
cervical region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17392, name=cervical
vertebral cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:19335, name=C1,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00030, name=vertebral
cartilage condensation, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17392, name=cervical
vertebral cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:19335, name=C1,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS21, present=0 ]]
```

```
4. [
```

| Modified OBOComponent 2217 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17215, name=axial skeleton cervical region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17392, name=cervical vertebral cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0], OBOComponent [id=EMAPA:19335, name=C1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS21, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:19335 has synonyms [atlas] | | |

| Modified OBOComponent 2218 | | | |
|--|---|------|-----------------|
| ID | EMAPA:19336 | Name | Starts At |
| TS17 | Ends At | TS21 | Primary Parents |
| EMAPA:17392[cervical vertebral cartilage condensation] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], | | |

Modified OBOComponent 2218

```
OBOComponent [ id=TH:00030, name=vertebral
cartilage condensation, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17392, name=cervical
vertebral cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:19336, name=C2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS21, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17215, name=axial skeleton
cervical region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17392, name=cervical
vertebral cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:19336, name=C2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS21, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00030, name=vertebral
cartilage condensation, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
```

| Modified OBOComponent 2218 | | | |
|----------------------------|---|---|---------|
| | | namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17392, name=cervical vertebral cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0], OBOComponent [id=EMAPA:19336, name=C2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS21, present=0]] | |
| | | 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17215, name=axial skeleton cervical region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17392, name=cervical vertebral cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0], OBOComponent [id=EMAPA:19336, name=C2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS21, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:19336 has synonyms [axis] | | |

| Modified OBOComponent 2219 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:28971 | Name | Starts At |
| TS21 | Ends At | TS24 | Primary Parents |
| EMAPA:17965[germ cell of ovary] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], | | |

| Modified OBOComponent 2219 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:17962, name=ovary, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:17965, name=germ cell of ovary, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS24, present=0], OBOComponent [id=EMAPA:28971, name=premeiotic germ cell, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS24, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:28971 has synonyms [oogonia] | | |

| Modified OBOComponent 2220 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17310 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17309[iliac artery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17309, name=iliac artery, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17310, name=common iliac artery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17310 has name [common] | | |

| Modified OBOComponent 2221 | | | |
|---|--|-------------|-----------------|
| ID | EMAPA:29635 | Name | Starts At |
| TS28 | Ends At | TS28 | Primary Parents |
| EMAPA:28844[ureteral smooth muscle layer] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17950, name=ureter, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:28844, name=ureteral smooth muscle layer, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0], OBOComponent [id=EMAPA:29635, name=ureteral smooth muscle layer outer circular muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS28, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:29635 has name [outer circular muscle] | | |

| Modified OBOComponent 2222 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:16632 | Name | Starts At |
| TS15 | Ends At | TS19 | Primary Parents |
| EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, | | |

Modified OBOComponent 2222

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16632, name=somite 29,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16632, name=somite 29,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16632, name=somite 29,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
```

Modified OBOComponent 2222

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16632, name=somite 29,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16632, name=somite 29,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
```


Modified OBOComponent 2222

```
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16632, name=somite 29,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16632, name=somite 29,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16632, name=somite 29,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
```

| Modified OBOComponent 2222 | | | |
|----------------------------|---|-------------|---------|
| | start=TS15, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16632 has parents [EMAPA:16184, EMAPA:31169] | | |

| Modified OBOComponent 2223 | | | |
|---------------------------------|---|------|-----------------|
| ID | EMAPA:16636 | Name | Starts At |
| TS15 | Ends At | TS19 | Primary Parents |
| EMAPA:16184[trunk somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16636, name=somite 30, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0]]</pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:31169, name=somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS22, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16636, name=somite 30, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0]]</pre> <p>3. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy,</pre> | | |

Modified OBOComponent 2223

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16636, name=somite 30,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16636, name=somite 30,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
```

Modified OBOComponent 2223

```
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16636, name=somite 30,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16636, name=somite 30,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31857, name=trunk,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16177, name=trunk
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16183, name=trunk paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16184, name=trunk somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS12, end=TS19, present=0 ],
```

| Modified OBOComponent 2223 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16636, name=somite 30, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0]] | | |
| | 8. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16183, name=trunk paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16184, name=trunk somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS12, end=TS19, present=0], OBOComponent [id=EMAPA:16636, name=somite 30, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16636 has parents [EMAPA:16184, EMAPA:31169] | | |

| Modified OBOComponent 2224 | | | |
|-----------------------------------|--|------|-----------------|
| ID | EMAPA:19321 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:17157[sympathetic ganglion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16984, name=autonomic | | |

| Modified OBOComponent 2224 | | | |
|----------------------------|---|-------------|---------|
| | nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16985, name=sympathetic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17157, name=sympathetic ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:19321, name=coeliac ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16984, name=autonomic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18221, name=autonomic ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17157, name=sympathetic ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:19321, name=coeliac ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19321 has name [coeliac] | | |

| Modified OBOComponent 2225 | | | |
|--|---|------|-----------------|
| ID | EMAPA:19324 | Name | Starts At |
| TS15 | Ends At | TS16 | Primary Parents |
| EMAPA:17216[cervical vertebral pre-cartilage condensation] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

Modified OBOComponent 2225

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00031, name=vertebral pre-
cartilage condensation, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17216, name=cervical
vertebral pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS17, present=0 ],
OBOComponent [ id=EMAPA:19324, name=C2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS16, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17215, name=axial skeleton
cervical region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17216, name=cervical
vertebral pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS17, present=0 ],
OBOComponent [ id=EMAPA:19324, name=C2,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
```

Modified OBOComponent 2225

| | | | |
|---|---|-------------|---------|
| newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]] | | | |
| 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00031, name=vertebral pre-cartilage condensation, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17216, name=cervical vertebral pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS17, present=0], OBOComponent [id=EMAPA:19324, name=C2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]] | | | |
| 4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17215, name=axial skeleton cervical region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17216, name=cervical vertebral pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS17, present=0], OBOComponent [id=EMAPA:19324, name=C2, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:19324 has synonyms [axis] | | |

Modified OBOComponent 2226

| Modified OBOComponent 2226 | | | |
|--|--|------|-----------------|
| ID | EMAPA:19323 | Name | Starts At |
| TS15 | Ends At | TS16 | Primary Parents |
| EMAPA:17216[cervical vertebral pre-cartilage condensation] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00031, name=vertebral pre- cartilage condensation, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17216, name=cervical vertebral pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS17, present=0], OBOComponent [id=EMAPA:19323, name=C1, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]]</pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</pre> | | |

Modified OBOComponent 2226

```
OBOComponent [ id=EMAPA:17215, name=axial skeleton
cervical region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17216, name=cervical
vertebral pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS17, present=0 ],
OBOComponent [ id=EMAPA:19323, name=C1,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS16, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00031, name=vertebral pre-
cartilage condensation, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17216, name=cervical
vertebral pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS17, present=0 ],
OBOComponent [ id=EMAPA:19323, name=C1,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS16, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17215, name=axial skeleton
cervical region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17216, name=cervical
vertebral pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS17, present=0 ],
OBOComponent [ id=EMAPA:19323, name=C1,
```

| Modified OBOComponent 2226 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:19323 has synonyms [atlas] | | |

| Modified OBOComponent 2227 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:19318 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:17496[lower leg] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17458, name=hindlimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17489, name=leg, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17496, name=lower leg, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19318, name=lower leg skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19318 has name [skeletal muscle] | | |

| Modified OBOComponent 2228 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:19316 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19206[radio-ulnar joint] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

| Modified OBOComponent 2228 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19204, name=forelimb joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19206, name=radio-ulnar joint, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19316, name=distal radio-carpal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19316 has name [distal] | | |

| Modified OBOComponent 2229 | | | |
|--------------------------------|---|-------------|-----------------|
| ID | EMAPA:19317 | Name | Starts At |
| TS25 | Ends At | TS26 | Primary Parents |
| EMAPA:19206[radio-ulnar joint] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16405, name=limb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17412, name=forelimb, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:19204, name=forelimb joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19206, name=radio-ulnar joint, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19317, name=proximal radio-carpal joint, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19317 has name [proximal] | | |

| Modified OBOComponent 2230 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:26056 | Name | Starts At |
| TS20 | Ends At | TS26 | Primary Parents |
| EMAPA:16240[venous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:26056, name=intersegmental vein, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:26056 has synonyms [segmental vein] | | |

| Modified OBOComponent 2231 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17300 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17299[superior semicircular canal] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 2231 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17286, name=inner ear vestibular component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17293, name=utricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17299, name=superior semicircular canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17300, name=superior semicircular canal associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00290, name=semicircular canal, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17299, name=superior semicircular canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17300, name=superior semicircular canal associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17300 has name [associated mesenchyme] | | |

| Modified OBOComponent 2232 | | | |
|---|-------------|------|-----------------|
| ID | EMAPA:16642 | Name | Starts At |
| TS15 | Ends At | TS16 | Primary Parents |
| TH:00035[brain ventricle] EMAPA:16641[diencephalon] | | | Group Parents |
| | | | |

| Modified OBOComponent 2232 | |
|----------------------------|---|
| | Synonyms |
| [] | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=TH:00035, name=brain ventricle, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16642, name=3rd ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16471, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16640, name=future forebrain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16641, name=diencephalon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS16, present=0],</p> <p>OBOComponent [id=EMAPA:16642, name=3rd ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false,</p> |

| | | | |
|------------------------------------|--|-------------|---------|
| Modified OBOComponent 2232 | | | |
| start=TS15, end=TS16, present=0]] | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:16642 has parents [TH:00035, EMAPA:16641] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:16642 has synonyms [diencephalic vesicle] | | |

| | | | |
|--|---|------|-----------------|
| Modified OBOComponent 2233 | | | |
| ID | EMAPA:17301 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:17299[superior semicircular canal] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17286, name=inner ear vestibular component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17293, name=utricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17299, name=superior semicircular canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17301, name=superior semicircular canal epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo,</p> | | |

| Modified OBOComponent 2233 | | | |
|--|---|-------------|---------|
| <pre> statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00290, name=semicircular canal, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17299, name=superior semicircular canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17301, name=superior semicircular canal epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] </pre> | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17301 has name [epithelium] | | |

| Modified OBOComponent 2234 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18929 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18925[rectum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <pre> 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18925, name=rectum, statusChange=UNCHANGED, statusRule=PASSED, </pre> | | |

| Modified OBOComponent 2234 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18929, name=rectum mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18929 has name [mesentery] | | |

| Modified OBOComponent 2235 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:18928 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18925[rectum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18925, name=rectum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18928, name=rectum lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18928 has name [lumen] | | |

| Modified OBOComponent 2236 | | | |
|---|---|------|-----------------|
| ID | EMAPA:26089 | Name | Starts At |
| TS20 | Ends At | TS24 | Primary Parents |
| EMAPA:18404[physiological umbilical hernia] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 2236 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18404, name=physiological umbilical hernia, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS24, present=0], OBOComponent [id=EMAPA:26089, name=physiological umbilical hernia mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS24, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26089 has name [mesenchyme] | | |

| Modified OBOComponent 2237 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18924 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18921[perineal body] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18921, name=perineal body, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18924, name=perineal body vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 2237 | | | |
|----------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18924 has name [vascular element] | | |

| Modified OBOComponent 2238 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:18927 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27319[rectum mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18925, name=rectum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27319, name=rectum mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18927, name=rectum epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18927 has name [epithelium] | | |

| Modified OBOComponent 2239 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:25352 | Name | Starts At |
| TS20 | Ends At | TS22 | Primary Parents |
| EMAPA:17591[pinna mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

| Modified OBOComponent 2239 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16991, name=external ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17589, name=pinna, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17591, name=pinna mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25352, name=pinna rest of mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25352 has name [rest of mesenchyme] | | |

| Modified OBOComponent 2240 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18216 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17264[cranial nerve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2240 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18216, name=abducent VI nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00270, name=nerve, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18216, name=abducent VI nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18216 has name [abducent VI] | | |

| Modified OBOComponent 2241 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:25351 | Name | Starts At |
| TS20 | Ends At | TS22 | Primary Parents |
| EMAPA:17591[pinna mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

| Modified OBOComponent 2241 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16991, name=external ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17589, name=pinna, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17591, name=pinna mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25351, name=pinna mesenchyme condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25351 has name [mesenchyme condensation] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:25351 has synonyms [mesenchymal condensation] | | |

| Modified OBOComponent 2242 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:18217 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17796[facial VII nerve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, | | |

| Modified OBOComponent 2242 | | | |
|----------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17796, name=facial VII nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18217, name=facial VII nerve chorda tympani branch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00270, name=nerve, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17796, name=facial VII nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18217, name=facial VII nerve chorda tympani branch, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18217 has name [chorda tympani branch] | | |

| Modified OBOComponent 2243 | | | |
|-------------------------------------|--|------|-----------------|
| ID | EMAPA:18920 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18915[stomach pyloric region] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 2243 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18915, name=stomach pyloric region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18920, name=stomach pyloric region vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18920 has name [vascular element] | | |

| Modified OBOComponent 2244 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18218 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17264[cranial nerve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous | | |

| Modified OBOComponent 2244 | | | |
|----------------------------|--|-------------|---------|
| | system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18218, name=trochlear IV nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00270, name=nerve, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17263, name=central nervous system nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17264, name=cranial nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18218, name=trochlear IV nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18218 has name [trochlear IV] | | |

| Modified OBOComponent 2245 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:18923 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18921[perineal body] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 2245 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18921, name=perineal body, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18923, name=perineal body muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18923 has name [muscle] | | |

| Modified OBOComponent 2246 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:25353 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:17591[pinna mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16991, name=external ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17589, name=pinna, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:17591, name=pinna mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:25353, name=pinna cartilage condensation, statusChange=CHANGED, | | |

| Modified OBOComponent 2246 | | | |
|----------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25353 has name [cartilage condensation] | | |

| Modified OBOComponent 2247 | | | |
|---|---|------|-----------------|
| ID | EMAPA:18224 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:16984[autonomic nervous system] TH:00276[peripheral nervous system ganglion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00269, name=ganglion, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00276, name=peripheral nervous system ganglion, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18224, name=autonomic nerve plexus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false,</p> | | |

| Modified OBOComponent 2247 | | | |
|---|--|-------------|---------|
| <pre> start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16984, name=autonomic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18224, name=autonomic nerve plexus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] </pre> | | | |
| <pre> 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00276, name=peripheral nervous system ganglion, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18224, name=autonomic nerve plexus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] </pre> | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18224 has name [nerve plexus] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:18224 has parents [EMAPA:16984, TH:00276] | | |

| Modified OBOComponent 2248 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:18223 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18221[autonomic ganglion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <pre> 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, </pre> | | |

| Modified OBOComponent 2248 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16984, name=autonomic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18221, name=autonomic ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:18223, name=paraganglion of Zuckerkandl, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18223 has synonyms [para-aortic bodis] | | |

| Modified OBOComponent 2249 | | | |
|-----------------------------------|--|------|-----------------|
| ID | EMAPA:18226 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17157[sympathetic ganglion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16984, name=autonomic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16985, name=sympathetic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17157, name=sympathetic ganglion, statusChange=CHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2249 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:18226, name=cervico-thoracic ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16984, name=autonomic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18221, name=autonomic ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:17157, name=sympathetic ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:18226, name=cervico-thoracic ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18226 has name [cervico-thoracic] | | |
| | 2. Different Synonyms - Referenced OBOComponent EMAPA:18226 has synonyms [stellate] | | |

| Modified OBOComponent 2250 | | | |
|-------------------------------|--|------|-----------------|
| ID | EMAPA:18930 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18929[rectum mesentery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

| Modified OBOComponent 2250 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18925, name=rectum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18929, name=rectum mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18930, name=rectum dorsal mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18930 has name [dorsal mesentery] | | |

| Modified OBOComponent 2251 | | | |
|---------------------------------------|---|------|-----------------|
| ID | EMAPA:18221 | Name | Starts At |
| TS18 | Ends At | TS26 | Primary Parents |
| EMAPA:16984[autonomic nervous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16984, name=autonomic nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18221, name=autonomic ganglion, statusChange=CHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2251 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18221 has name [ganglion] | | |
| | 2. Different Start Stage - Referenced OBOComponent EMAPA:18221 has Start Stage TS22 | | |

| Modified OBOComponent 2252 | | | |
|---------------------------------|---|-------------|-----------------|
| ID | EMAPA:26072 | Name | Starts At |
| TS19 | Ends At | TS26 | Primary Parents |
| EMAPA:18416[inferior vena cava] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18415, name=vena cava, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:18416, name=inferior vena cava, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:26072, name=inferior vena cava intra-hepatic part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26072 has name [intra-hepatic part] | | |

| Modified OBOComponent 2253 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:18938 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18937[jejunum mesentery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 2253 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18932, name=jejunum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18937, name=jejunum mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18938, name=jejunum dorsal mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18938 has name [dorsal mesentery] | | |

| Modified OBOComponent 2254 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18937 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18932[jejunum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, | | |

| Modified OBOComponent 2254 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18932, name=jejunum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18937, name=jejunum mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18937 has name [mesentery] | | |

| Modified OBOComponent 2255 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:18936 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18932[jejunum] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18932, name=jejunum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18936, name=jejunum vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18936 has name [vascular element] | | |

| Modified OBOComponent 2256 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:18935 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18932[jejunum] | | | Group Parents |
| | | | |

| Modified OBOComponent 2256 | | | |
|----------------------------|--|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18932, name=jejunum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18935, name=jejunum lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18935 has name [lumen] | | |

| Modified OBOComponent 2257 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:18934 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27347[jejunum mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2257 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18932, name=jejunum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27347, name=jejunum mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18934, name=jejunum epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18934 has name [epithelium] | | |

| Modified OBOComponent 2258 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:18931 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18925[rectum] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18925, name=rectum, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18931, name=rectum vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18931 has name [vascular element] | | |

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| Modified OBOComponent 2259 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:18941 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27375[colon mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18939, name=colon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27375, name=colon mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18941, name=colon epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18941 has name [epithelium] | | |

| Modified OBOComponent 2260 | | | |
|---------------------------------------|--|------|-----------------|
| ID | EMAPA:26913 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:17968[male reproductive system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 2260 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:26913, name=male inguinal canal, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26913 has name [inguinal canal] | | |

| Modified OBOComponent 2261 | | | |
|--|--|------|-----------------|
| ID | EMAPA:27599 | Name | Starts At |
| TS17 | Ends At | TS18 | Primary Parents |
| EMAPA:16367[genitourinary system] EMAPA:28425[nephric duct group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16367, name=genitourinary system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:28425, name=nephric duct group, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:27599, name=nephric duct, metanephric portion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2261 | | | |
|----------------------------|--|--|---------|
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16367, name=genitourinary system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:28425, name=nephric duct group, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:27599, name=nephric duct, metanephric portion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0]] | |
| | | 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16367, name=genitourinary system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:27599, name=nephric duct, metanephric portion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27599 has synonyms [mesonephric duct, metanephric portion] | | |

| Modified OBOComponent 2262 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18211 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17783[hindbrain meninges] TH:00048[brain subarachnoid space] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 2262

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group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00048, name=brain subarachnoid
space, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18211, name=hindbrain
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00040, name=meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17783, name=hindbrain
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18211, name=hindbrain
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
```

Modified OBOComponent 2262

```
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=TH:00048, name=brain subarachnoid
space, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18211, name=hindbrain
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16470, name=central nervous
system, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16894, name=brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS17, end=TS26, present=0 ],
OBOComponent [ id=TH:00044, name=brain meninges,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17783, name=hindbrain
meninges, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS21, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18211, name=hindbrain
subarachnoid space, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS26, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
```


| Modified OBOComponent 2262 | | | |
|----------------------------|--|--|---------|
| | | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16470, name=central nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16894, name=brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16916, name=hindbrain, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17783, name=hindbrain meninges, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18211, name=hindbrain subarachnoid space, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18211 has name [subarachnoid space] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:18211 has parents [EMAPA:17783, TH:00048] | | |

| Modified OBOComponent 2263 | | | |
|------------------------------|---|------|-----------------|
| ID | EMAPA:18943 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18942[colon mesentery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 2263 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18939, name=colon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18942, name=colon mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18943, name=colon dorsal mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18943 has name [dorsal mesentery] | | |

| Modified OBOComponent 2264 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:18942 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18939[colon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18939, name=colon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18942, name=colon mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18942 has name [mesentery] | | |

| Modified OBOComponent 2265 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:18945 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18939[colon] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18939, name=colon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18945, name=colon lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18945 has name [lumen] | | |

| Modified OBOComponent 2266 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18944 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18939[colon] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], | | |

| Modified OBOComponent 2266 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18939, name=colon, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18944, name=colon vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18944 has name [vascular element] | | |

| Modified OBOComponent 2267 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:18242 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18241[spinal artery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18241, name=spinal artery, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18242, name=anterior spinal artery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18242 has name [anterior] | | |

| Modified OBOComponent 2268 | | | |
|----------------------------|-------------|------|-----------|
| ID | EMAPA:18243 | Name | Starts At |
| | | | |

| Modified OBOComponent 2268 | | | |
|----------------------------|--|-------------|-----------------|
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18241[spinal artery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16201, name=arterial system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18241, name=spinal artery, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18243, name=posterior spinal artery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18243 has name [posterior] | | |

| Modified OBOComponent 2269 | | | |
|--------------------------------------|---|------|-----------------|
| ID | EMAPA:18246 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17333[interventricular septum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2269 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17331, name=ventricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17333, name=interventricular septum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:18246, name=interventricular septum membranous part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18246 has name [membranous part] | | |

| Modified OBOComponent 2270 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18950 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18949[soft palate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18948, name=palate, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18949, name=soft palate, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18950, name=soft palate epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 2270 | | | |
|----------------------------|---|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18950 has name [epithelium] | | |

| Modified OBOComponent 2271 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:26922 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:16665[peripheral nervous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:26922, name=enteric nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Start Stage - Referenced OBOComponent EMAPA:26922 has Start Stage TS22 | | |

| Modified OBOComponent 2272 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18951 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18949[soft palate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, | | |

| Modified OBOComponent 2272 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18948, name=palate, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18949, name=soft palate, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18951, name=soft palate mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18951 has name [mesenchyme] | | |

| Modified OBOComponent 2273 | | | |
|--------------------------------------|--|------|-----------------|
| ID | EMAPA:18247 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17333[interventricular septum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:17331, name=ventricle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 2273 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17333, name=interventricular septum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:18247, name=interventricular septum muscular part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18247 has name [muscular part] | | |

| Modified OBOComponent 2274 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:26097 | Name | Starts At |
| TS20 | Ends At | TS24 | Primary Parents |
| EMAPA:18404[physiological umbilical hernia] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18404, name=physiological umbilical hernia, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS24, present=0], OBOComponent [id=EMAPA:26097, name=physiological umbilical hernia mesothelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS24, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26097 has name [mesothelium] | | |

| Modified OBOComponent 2275 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:25363 | Name | Starts At |
| TS15 | Ends At | TS18 | Primary Parents |
| EMAPA:16669[otocyst] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 2275 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16669, name=otocyst, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:25363, name=otocyst lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25363 has name [lumen] | | |

| Modified OBOComponent 2276 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:18227 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:16989[spinal nerve] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00270, name=nerve, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:16989, name=spinal nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18227, name=intercostal nerve, statusChange=CHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2276 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16666, name=spinal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16989, name=spinal nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:18227, name=intercostal nerve, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18227 has name [intercostal] | | |

| Modified OBOComponent 2277 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18954 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18952[hard palate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2277 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18948, name=palate, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18952, name=hard palate, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18954, name=hard palate mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18954 has name [mesenchyme] | | |

| Modified OBOComponent 2278 | | | |
|--|--|------|-----------------|
| ID | EMAPA:25362 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16307[rhombomere 05 neural fold] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16305, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16307, name=rhombomere 05 neural fold, statusChange=CHANGED, | | |

| Modified OBOComponent 2278 | | | |
|----------------------------|---|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:25362, name=rhombomere 05 rest of neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=TH:00280, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16305, name=rhombomere 05, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16307, name=rhombomere 05 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:25362, name=rhombomere 05 rest of neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25362 has name [rest of neural fold] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:25362 has parents [EMAPA:16305] | | |
| | 3. Different Parents - Referenced OBOComponent EMAPA:25362 has parents [EMAPA:16307] | | |

| Modified OBOComponent 2279 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:18953 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18952[hard palate] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [| | |

| Modified OBOComponent 2279 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18948, name=palate, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18952, name=hard palate, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18953, name=hard palate epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18953 has name [epithelium] | | |

| Modified OBOComponent 2280 | | | |
|--|--|------|-----------------|
| ID | EMAPA:25361 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16303[rhombomere 04 neural fold] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, | | |

Modified OBOComponent 2280

```
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS09, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16073, name=neural
ectoderm, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS10, end=TS13, present=0 ],
OBOComponent [ id=EMAPA:16089, name=future brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS13, present=0 ],
OBOComponent [ id=EMAPA:16148, name=future
rhombencephalon, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS13, present=0 ],
OBOComponent [ id=EMAPA:16301, name=rhombomere 04,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS13, present=0 ],
OBOComponent [ id=EMAPA:16303, name=rhombomere 04
neural fold, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS13, end=TS13, present=0 ],
OBOComponent [ id=EMAPA:25361, name=rhombomere 04
rest of neural fold, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS13, end=TS13, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16069, name=ectoderm,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS09, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:16073, name=neural
ectoderm, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS10, end=TS13, present=0 ],
OBOComponent [ id=EMAPA:16089, name=future brain,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS13, present=0 ],
OBOComponent [ id=EMAPA:16148, name=future
rhombencephalon, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS12, end=TS13, present=0 ],
OBOComponent [ id=TH:00280, name=rhombomere,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS13, present=0 ],
OBOComponent [ id=EMAPA:16301, name=rhombomere 04,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS13, end=TS13, present=0 ],
OBOComponent [ id=EMAPA:16303, name=rhombomere 04
neural fold, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS13, end=TS13, present=0 ],
OBOComponent [ id=EMAPA:25361, name=rhombomere 04
rest of neural fold, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS13, end=TS13, present=0 ]]
```

| | | | |
|-------------|--------|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| | | | |

| Modified OBOComponent 2280 | |
|----------------------------|--|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25361 has name [rest of neural fold] |
| | 2. Different Parents - Referenced OBOComponent EMAPA:25361 has parents [EMAPA:16301] |
| | 3. Different Parents - Referenced OBOComponent EMAPA:25361 has parents [EMAPA:16303] |

| Modified OBOComponent 2281 | | | |
|--|---|------|-----------------|
| ID | EMAPA:25360 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16299[rhombomere 03 neural fold] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16297, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16299, name=rhombomere 03 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:25360, name=rhombomere 03 rest of neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16297, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16299, name=rhombomere 03 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:25360, name=rhombomere 03 rest of neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]]</p> | | |

| Modified OBOComponent 2281 | | | |
|----------------------------|--|-------------|---------|
| | newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=TH:00280, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16297, name=rhombomere 03, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16299, name=rhombomere 03 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:25360, name=rhombomere 03 rest of neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25360 has name [rest of neural fold] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:25360 has parents [EMAPA:16297] | | |
| | 3. Different Parents - Referenced OBOComponent EMAPA:25360 has parents [EMAPA:16299] | | |

| Modified OBOComponent 2282 | | | |
|-----------------------------------|--|------|-----------------|
| ID | EMAPA:18232 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18231[eye anterior chamber] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], | | |

| Modified OBOComponent 2282 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:18231, name=eye anterior chamber, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18232, name=aqueous humour, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18232 has synonyms [aqueous humor] | | |

| Modified OBOComponent 2283 | | | |
|--|---|------|-----------------|
| ID | EMAPA:25359 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16295[rhombomere 02 neural fold] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16293, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16295, name=rhombomere 02 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:25359, name=rhombomere 02 rest of neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

| | | | |
|-----------------------------------|--|-------------|---------|
| Modified OBOComponent 2283 | | | |
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=TH:00280, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16293, name=rhombomere 02, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16295, name=rhombomere 02 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:25359, name=rhombomere 02 rest of neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25359 has name [rest of neural fold] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:25359 has parents [EMAPA:16293] | | |
| | 3. Different Parents - Referenced OBOComponent EMAPA:25359 has parents [EMAPA:16295] | | |

| | | | |
|-----------------------------------|--|------|-----------------|
| Modified OBOComponent 2284 | | | |
| ID | EMAPA:18231 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:16198[eye] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2284 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18231, name=eye anterior chamber, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18231 has name [anterior chamber] | | |

| Modified OBOComponent 2285 | | | |
|---------------------------------|--|-------------|-----------------|
| ID | EMAPA:25357 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16361[thyroid primordium] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16248, name=foregut diverticulum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16360, name=foregut diverticulum gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16361, name=thyroid primordium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:25357, name=thyroid primordium endoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25357 has name [endoderm] | | |

| Modified OBOComponent 2286 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:18237 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17838[lens] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17838, name=lens, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18237, name=lens capsule, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18237 has name [capsule] | | |

| Modified OBOComponent 2287 | | | |
|--|--|------|-----------------|
| ID | EMAPA:25358 | Name | Starts At |
| TS13 | Ends At | TS13 | Primary Parents |
| EMAPA:16292[rhombomere 01 neural fold] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

Modified OBOComponent 2287

| | |
|-------------|--|
| | <pre> start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=EMAPA:16290, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16292, name=rhombomere 01 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:25358, name=rhombomere 01 rest of neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] </pre> |
| | <pre> 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16069, name=ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS09, end=TS19, present=0], OBOComponent [id=EMAPA:16073, name=neural ectoderm, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS10, end=TS13, present=0], OBOComponent [id=EMAPA:16089, name=future brain, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS13, present=0], OBOComponent [id=EMAPA:16148, name=future rhombencephalon, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS13, present=0], OBOComponent [id=TH:00280, name=rhombomere, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16290, name=rhombomere 01, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:16292, name=rhombomere 01 neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0], OBOComponent [id=EMAPA:25358, name=rhombomere 01 rest of neural fold, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS13, present=0]] </pre> |
| Rule Status | <div>PASSED</div> <div>Edit Status</div> <div>CHANGED</div> |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25358 has name [rest of neural fold] |

Modified OBOComponent 2288

| Modified OBOComponent 2288 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:18963 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18838[pharynx] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18838, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18963, name=pharynx skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18963 has name [skeletal muscle] | | |

| Modified OBOComponent 2289 | | | |
|---|--|------|-----------------|
| ID | EMAPA:25355 | Name | Starts At |
| TS15 | Ends At | TS19 | Primary Parents |
| EMAPA:16182[trunk mesenchyme derived from neural crest] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 2289 | | | |
|----------------------------|---|--|---------|
| | | group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16182, name=trunk mesenchyme derived from neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0], OBOComponent [id=EMAPA:25355, name=trunk mesenchyme derived from neural crest non-migrating cells, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0]] | |
| | | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:31857, name=trunk, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16177, name=trunk mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16182, name=trunk mesenchyme derived from neural crest, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0], OBOComponent [id=EMAPA:25355, name=trunk mesenchyme derived from neural crest non-migrating cells, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:25355 has name [non-migrating cells] | | |

| Modified OBOComponent 2290 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:26937 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:16262[oral region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2290 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:26937, name=oral mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26937 has name [mucosa] | | |

| Modified OBOComponent 2291 | | | |
|-----------------------------------|--|-------------|-----------------|
| ID | EMAPA:27573 | Name | Starts At |
| TS16 | Ends At | TS18 | Primary Parents |
| EMAPA:16367[genitourinary system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16367, name=genitourinary system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:27573, name=cloaca, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Start Stage - Referenced OBOComponent EMAPA:27573 has Start Stage TS17 | | |

| Modified OBOComponent 2292 | | | |
|---------------------------------|-------------|------|-----------------|
| ID | EMAPA:27570 | Name | Starts At |
| TS17 | Ends At | TS18 | Primary Parents |
| EMAPA:16858[gonadal mesenchyme] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

| Modified OBOComponent 2292 | | | |
|----------------------------|---|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16367, name=genitourinary system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16857, name=gonad, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0], OBOComponent [id=EMAPA:16858, name=gonadal mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:27570, name=posterior gonadal mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27570 has synonyms [caudal gonadal mesenchyme] | | |

| Modified OBOComponent 2293 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:17373 | Name | Starts At |
| TS19 | Ends At | TS28 | Primary Parents |
| EMAPA:17366[urinary system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 2293 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17373 has synonyms [kidney] | | |

| Modified OBOComponent 2294 | | | |
|--------------------------------------|---|-------------|-----------------|
| ID | EMAPA:18260 | Name | Starts At |
| TS22 | Ends At | TS23 | Primary Parents |
| EMAPA:18257[anal canal rostral part] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18257, name=anal canal rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:18260, name=anal canal rostral part vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18260 has name [vascular element] | | |

| Modified OBOComponent 2295 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:18261 | Name | Starts At |
| TS22 | Ends At | TS23 | Primary Parents |
| EMAPA:18256[anal canal] | | | Group Parents |
| | | | Synonyms |
| | | | |

| Modified OBOComponent 2295 | | | |
|----------------------------|--|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18261, name=anal canal caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18261 has name [caudal part] | | |

| Modified OBOComponent 2296 | | | |
|-------------------------------------|---|------|-----------------|
| ID | EMAPA:18262 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:18261[anal canal caudal part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 2296 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18261, name=anal canal caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:18262, name=anal canal caudal part associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18262 has name [associated mesenchyme] | | |

| Modified OBOComponent 2297 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:18268 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:18267[gastro-oesophageal junction] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:18267, name=gastro- oesophageal junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:18268, name=gastro- oesophageal junction associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |

| Modified OBOComponent 2297 | |
|----------------------------|--|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18268 has name [associated mesenchyme] |

| Modified OBOComponent 2298 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:18269 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:18267[gastro-oesophageal junction] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:18267, name=gastro-oesophageal junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:18269, name=gastro-oesophageal junction epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18269 has name [epithelium] | | |

| Modified OBOComponent 2299 | | | |
|-------------------------------------|---|------|-----------------|
| ID | EMAPA:18263 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:18261[anal canal caudal part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], | | |

| Modified OBOComponent 2299 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18261, name=anal canal caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:18263, name=anal canal caudal part epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18263 has name [epithelium] | | |

| Modified OBOComponent 2300 | | | |
|-------------------------------------|--|------|-----------------|
| ID | EMAPA:18264 | Name | Starts At |
| TS22 | Ends At | TS23 | Primary Parents |
| EMAPA:18261[anal canal caudal part] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, | | |

| Modified OBOComponent 2300 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18261, name=anal canal caudal part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:18264, name=anal canal caudal part vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18264 has name [vascular element] | | |

| Modified OBOComponent 2301 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:18265 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:16831[anal region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18265, name=external anal sphincter, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18265 has name [external sphincter] | | |

| Modified OBOComponent 2302 | | | |
|---------------------------------|-------------|------|-----------------|
| ID | EMAPA:27566 | Name | Starts At |
| TS17 | Ends At | TS18 | Primary Parents |
| EMAPA:16858[gonadal mesenchyme] | | | Group Parents |

| Modified OBOComponent 2302 | | | |
|----------------------------|---|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16367, name=genitourinary system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16857, name=gonad, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0], OBOComponent [id=EMAPA:16858, name=gonadal mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0], OBOComponent [id=EMAPA:27566, name=anterior gonadal mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27566 has synonyms [rostral gonadal mesenchyme] | | |

| Modified OBOComponent 2303 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:18266 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:16831[anal region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 2303 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18266, name=internal anal sphincter, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18266 has name [internal sphincter] | | |

| Modified OBOComponent 2304 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:27564 | Name | Starts At |
| TS17 | Ends At | TS18 | Primary Parents |
| EMAPA:16857[gonad] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16367, name=genitourinary system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16857, name=gonad, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0], OBOComponent [id=EMAPA:27564, name=coelomic epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27564 has synonyms [germinal epithelium] | | |

| Modified OBOComponent 2305 | | | |
|-----------------------------|-------------|------|-----------------|
| ID | EMAPA:17367 | Name | Starts At |
| TS20 | Ends At | TS28 | Primary Parents |
| EMAPA:17366[urinary system] | | | Group Parents |
| | | | Synonyms |
| | | | |

| Modified OBOComponent 2305 | | | |
|----------------------------|--|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17367, name=urinary system mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17367 has name [mesentery] | | |

| Modified OBOComponent 2306 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:17364 | Name | Starts At |
| TS19 | Ends At | TS20 | Primary Parents |
| EMAPA:17362[palatal shelf] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17359, name=maxillary process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS20, present=0], | | |

| Modified OBOComponent 2306 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:17362, name=palatal shelf, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS20, present=0], OBOComponent [id=EMAPA:17364, name=palatal shelf mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS20, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17364 has name [mesenchyme] | | |

| Modified OBOComponent 2307 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17363 | Name | Starts At |
| TS19 | Ends At | TS20 | Primary Parents |
| EMAPA:17362[palatal shelf] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17359, name=maxillary process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS20, present=0], OBOComponent [id=EMAPA:17362, name=palatal shelf, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS20, present=0], OBOComponent [id=EMAPA:17363, name=palatal shelf epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17363 has name [epithelium] | | |

| Modified OBOComponent 2308 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:17361 | Name | Starts At |
| TS19 | Ends At | TS20 | Primary Parents |
| | | | |

| | | | |
|--------------------------------|--|---------------|---------|
| Modified OBOComponent 2308 | | | |
| EMAPA:17359[maxillary process] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:17359, name=maxillary process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS20, present=0], OBOComponent [id=EMAPA:17361, name=maxillary process mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17361 has name [mesenchyme] | | |

| | | | |
|----------------------------|---|------|-----------------|
| Modified OBOComponent 2309 | | | |
| ID | EMAPA:26959 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:16706[pharynx] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], | | |

| Modified OBOComponent 2309 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:26959, name=pharynx muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26959 has name [muscularis] | | |

| Modified OBOComponent 2310 | | | |
|--------------------------------------|---|------|-----------------|
| ID | EMAPA:18258 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:18257[anal canal rostral part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18257, name=anal canal rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:18258, name=anal canal rostral part associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |

| Modified OBOComponent 2310 | | | |
|----------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18258 has name [associated mesenchyme] | | |

| Modified OBOComponent 2311 | | | |
|--------------------------------------|---|-------------|-----------------|
| ID | EMAPA:18259 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:18257[anal canal rostral part] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18257, name=anal canal rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:18259, name=anal canal rostral part epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18259 has name [epithelium] | | |

| Modified OBOComponent 2312 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:26957 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:16706[pharynx] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 2312 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:26957, name=pharynx mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26957 has name [mucosa] | | |

| Modified OBOComponent 2313 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18257 | Name | Starts At |
| TS22 | Ends At | TS23 | Primary Parents |
| EMAPA:18256[anal canal] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, | | |

| Modified OBOComponent 2313 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18257, name=anal canal rostral part, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18257 has name [rostral part] | | |

| Modified OBOComponent 2314 | | | |
|------------------------------------|---|-------------|-----------------|
| ID | EMAPA:18254 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18252[hepatico-cardiac vein] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18252, name=hepatico- cardiac vein, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18254, name=right hepatico- cardiac vein, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18254 has name [right] | | |

| Modified OBOComponent 2315 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:26952 | Name | Starts At |
| TS23 | Ends At | TS26 | Primary Parents |
| EMAPA:16262[oral region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

| Modified OBOComponent 2315 | | | |
|----------------------------|--|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:26952, name=oral region muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26952 has name [muscularis] | | |

| Modified OBOComponent 2316 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:18253 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18252[hepatico-cardiac vein] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16240, name=venous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18252, name=hepatico- cardiac vein, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], | | |

| Modified OBOComponent 2316 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:18253, name=left hepatico-cardiac vein, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18253 has name [left] | | |

| Modified OBOComponent 2317 | | | |
|---------------------------------------|---|-------------|-----------------|
| ID | EMAPA:18900 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18896[stomach glandular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18896, name=stomach glandular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18900, name=stomach glandular region lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18900 has name [lumen] | | |

| Modified OBOComponent 2318 | | | |
|--|-------------|------|-----------------|
| ID | EMAPA:17391 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:17388[left lung rudiment lobar bronchus] | | | Group Parents |
| | | | Synonyms |

Modified OBOComponent 2318

| [artery, vein] | Primary Path |
|-----------------|--|
| Alternate Paths | <pre> 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00053, name=lobar bronchus, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0], OBOComponent [id=EMAPA:17388, name=left lung rudiment lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:17391, name=left lung rudiment lobar bronchus vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16729, name=left lung rudiment, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0], OBOComponent [id=EMAPA:17388, name=left lung rudiment lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, </pre> |

| Modified OBOComponent 2318 | | | |
|----------------------------|--|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:17391, name=left lung rudiment lobar bronchus vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17391 has name [vascular element] | | |

| Modified OBOComponent 2319 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:18902 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18889[stomach] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18902, name=stomach mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18902 has name [mesentery] | | |

| Modified OBOComponent 2320 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17390 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:17388[left lung rudiment lobar bronchus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

Modified OBOComponent 2320

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16727, name=respiratory
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16728, name=lung,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00053, name=lobar bronchus,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17388, name=left lung
rudiment lobar bronchus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS19, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:17390, name=left lung
rudiment lobar bronchus epithelium,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS19, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16727, name=respiratory
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16728, name=lung,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16729, name=left lung
rudiment, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:17388, name=left lung
rudiment lobar bronchus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS19, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:17390, name=left lung
rudiment lobar bronchus epithelium,
```

| Modified OBOComponent 2320 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17390 has name [epithelium] | | |

| Modified OBOComponent 2321 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:17393 | Name | Starts At |
| TS17 | Ends At | TS26 | Primary Parents |
| EMAPA:17214[axial skeleton] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17393, name=axial skeleton lumbar region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17393, name=axial skeleton lumbar region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0]]</p> | | |

| Modified OBOComponent 2321 | | | |
|----------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17393 has name [lumbar region] | | |

| Modified OBOComponent 2322 | | | |
|---|--|------|-----------------|
| ID | EMAPA:17392 | Name | Starts At |
| TS17 | Ends At | TS22 | Primary Parents |
| EMAPA:17215[axial skeleton cervical region] TH:00030[vertebral cartilage condensation] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00030, name=vertebral cartilage condensation, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS26, present=0], OBOComponent [id=EMAPA:17392, name=cervical vertebral cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS22, present=0]]</pre> <p>2. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false,</pre> | | |

Modified OBOComponent 2322

```
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17215, name=axial skeleton
cervical region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17392, name=cervical
vertebral cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS22, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00030, name=vertebral
cartilage condensation, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17392, name=cervical
vertebral cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17215, name=axial skeleton
cervical region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17392, name=cervical
vertebral cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS22, present=0 ]]
```

| | | | |
|-------------|---|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent | | |

| Modified OBOComponent 2322 | |
|----------------------------|---|
| | EMAPA:17392 has name [vertebral cartilage condensation] |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17392 has parents [EMAPA:17215, TH:00030] |

| Modified OBOComponent 2323 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17394 | Name | Starts At |
| TS17 | Ends At | TS19 | Primary Parents |
| EMAPA:17393[axial skeleton lumbar region] TH:00031[vertebral pre-cartilage condensation] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00031, name=vertebral pre- cartilage condensation, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17394, name=lumbar vertebral pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS19, present=0]] </pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, </pre> <p>]</p> | | |

Modified OBOComponent 2323

```
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17393, name=axial skeleton
lumbar region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17394, name=lumbar
vertebral pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS19, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00031, name=vertebral pre-
cartilage condensation, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17394, name=lumbar
vertebral pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS19, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17393, name=axial skeleton
lumbar region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17394, name=lumbar
vertebral pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS17, end=TS19, present=0 ]]
```

| | | | |
|-------------|--------|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
|-------------|--------|-------------|---------|

| Modified OBOComponent 2323 | |
|----------------------------|---|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17394 has name [vertebral pre-cartilage condensation] |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17394 has parents [EMAPA:17393, TH:00031] |

| Modified OBOComponent 2324 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:17396 | Name | Starts At |
| TS16 | Ends At | TS26 | Primary Parents |
| EMAPA:17214[axial skeleton] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17396, name=axial skeleton thoracic region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0]]</p> <p>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17396, name=axial skeleton thoracic region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0]]</p> | | |
| | | | |

| Modified OBOComponent 2324 | | | |
|----------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17396 has name [thoracic region] | | |

| Modified OBOComponent 2325 | | | |
|--------------------------------|---|------|-----------------|
| ID | EMAPA:17399 | Name | Starts At |
| TS19 | Ends At | TS22 | Primary Parents |
| EMAPA:16860[tail somite group] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16748, name=tail, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17399, name=somite 46, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS22, present=0]]</pre> <p>2. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=TH:00001, name=paraxial mesenchyme, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17399, name=somite 46, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS22, present=0]]</pre> <p>3. [</p> <pre>OBOComponent [id=EMAPA:0, name=Abstract anatomy,</pre> | | |

Modified OBOComponent 2325

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17399, name=somite 46,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS22, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17399, name=somite 46,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS22, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16748, name=tail,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16749, name=tail
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
```


Modified OBOComponent 2325

```
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17399, name=somite 46,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS22, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16751, name=tail paraxial
mesenchyme, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17399, name=somite 46,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS22, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16097, name=mesenchyme,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS26, present=0 ],
OBOComponent [ id=TH:00001, name=paraxial
mesenchyme, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:31169, name=somite group,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=true,
start=TS12, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:16860, name=tail somite
group, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS16, end=TS22, present=0 ],
OBOComponent [ id=EMAPA:17399, name=somite 46,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS22, present=0 ]]
```

```
8. [
```

| Modified OBOComponent 2325 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16097, name=mesenchyme, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16749, name=tail mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16751, name=tail paraxial mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16860, name=tail somite group, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS16, end=TS22, present=0], OBOComponent [id=EMAPA:17399, name=somite 46, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS22, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Parents - Referenced OBOComponent EMAPA:17399 has parents [EMAPA:16860, EMAPA:31169] | | |

| Modified OBOComponent 2326 | | | |
|---|---|------|-----------------|
| ID | EMAPA:17398 | Name | Starts At |
| TS16 | Ends At | TS18 | Primary Parents |
| EMAPA:17396[axial skeleton thoracic region] TH:00031[vertebral pre-cartilage condensation] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

Modified OBOComponent 2326

```
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00031, name=vertebral pre-
cartilage condensation, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17398, name=thoracic
vertebral pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS18, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=TH:00070, name=musculoskeletal
system, statusChange=NEW, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17396, name=axial skeleton
thoracic region, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS16, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17398, name=thoracic
vertebral pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS18, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17213, name=skeleton,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17214, name=axial skeleton,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00031, name=vertebral pre-
cartilage condensation, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17398, name=thoracic
vertebral pre-cartilage condensation,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS16, end=TS18, present=0 ]]
```

Modified OBOComponent 2326

| | | | |
|--|---|-------------|---------|
| <p>4. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17213, name=skeleton, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17214, name=axial skeleton, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17396, name=axial skeleton thoracic region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:17398, name=thoracic vertebral pre-cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0]]</p> | | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17398 has name [vertebral pre-cartilage condensation] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17398 has parents [EMAPA:17396, TH:00031] | | |

Modified OBOComponent 2327

| | | | |
|----------------------|---|------|-----------------|
| ID | EMAPA:26969 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18838[pharynx] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> | | |

| Modified OBOComponent 2327 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18838, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:26969, name=pharynx muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26969 has name [muscularis] | | |

| Modified OBOComponent 2328 | | | |
|-------------------------------------|--|-------------|-----------------|
| ID | EMAPA:18280 | Name | Starts At |
| TS22 | Ends At | TS23 | Primary Parents |
| EMAPA:17883[tongue skeletal muscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:17185, name=tongue, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17883, name=tongue skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:18280, name=tongue intrinsic skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18280 has name [intrinsic] | | |

| Modified OBOComponent 2329 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:18281 | Name | Starts At |
| TS22 | Ends At | TS23 | Primary Parents |
| EMAPA:18280[tongue intrinsic skeletal muscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:17185, name=tongue, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17883, name=tongue skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:18280, name=tongue intrinsic skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:18281, name=tongue intrinsic skeletal muscle transverse component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18281 has name [transverse component] | | |

| Modified OBOComponent 2330 | | | |
|---|-------------|------|-----------------|
| ID | EMAPA:18282 | Name | Starts At |
| TS22 | Ends At | TS23 | Primary Parents |
| EMAPA:18280[tongue intrinsic skeletal muscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |

| Modified OBOComponent 2330 | | | |
|----------------------------|---|-------------|---------|
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:17185, name=tongue, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17883, name=tongue skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:18280, name=tongue intrinsic skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:18282, name=tongue intrinsic skeletal muscle vertical component, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18282 has name [vertical component] | | |

| Modified OBOComponent 2331 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:18283 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:16706[pharynx] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

| Modified OBOComponent 2331 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:18283, name=hyoid cartilage condensation, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18283 has name [hyoid bone cartilage condensation] | | |

| Modified OBOComponent 2332 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:18284 | Name | Starts At |
| TS22 | Ends At | TS22 | Primary Parents |
| EMAPA:17886[stomach fundus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, | | |

| Modified OBOComponent 2332 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17021, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS23, present=0], OBOComponent [id=EMAPA:17886, name=stomach fundus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS23, present=0], OBOComponent [id=EMAPA:18284, name=stomach fundus glandular mucous membrane, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS22, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18284 has name [glandular mucous membrane] | | |

| Modified OBOComponent 2333 | | | |
|-----------------------------|--|-------------|-----------------|
| ID | EMAPA:26963 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:26957[pharynx mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:26957, name=pharynx mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:26963, name=pharynx lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent | | |

| | |
|-----------------------------------|---------------------------------------|
| Modified OBOComponent 2333 | |
| | EMAPA:26963 has name [lamina propria] |

| | | | |
|-----------------------------------|--|-------------|-----------------|
| Modified OBOComponent 2334 | | | |
| ID | EMAPA:26961 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:26957[pharynx mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:26957, name=pharynx mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0], OBOComponent [id=EMAPA:26961, name=pharynx epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26961 has name [epithelium] | | |

| | | | |
|-----------------------------------|--|------|-----------------|
| Modified OBOComponent 2335 | | | |
| ID | EMAPA:26965 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18838[pharynx] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 2335 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18838, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:26965, name=pharynx mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26965 has name [mucosa] | | |

| Modified OBOComponent 2336 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:27581 | Name | Starts At |
| TS17 | Ends At | TS18 | Primary Parents |
| EMAPA:27573[cloaca] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16367, name=genitourinary system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:27573, name=cloaca, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0], OBOComponent [id=EMAPA:27581, name=cloaca | | |

| Modified OBOComponent 2336 | | | |
|----------------------------|--|-------------|---------|
| | associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27581 has name [associated mesenchyme] | | |

| Modified OBOComponent 2337 | | | |
|---|--|-------------|-----------------|
| ID | EMAPA:18912 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27467[stomach proventricular region mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18910, name=stomach proventricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27467, name=stomach proventricular region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18912, name=stomach proventricular region epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18912 has name [epithelium] | | |

| Modified OBOComponent 2338 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:18910 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |

| Modified OBOComponent 2338 | | | |
|---|--|---------------|---------|
| EMAPA:18889[stomach] | | Group Parents | |
| | | Synonyms | |
| [cutaneous, ependymal region, non-glandular region] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18910, name=stomach proventricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18910 has name [proventricular region] | | |

| Modified OBOComponent 2339 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18915 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18889[stomach] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], | | |

| Modified OBOComponent 2339 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18915, name=stomach pyloric region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18915 has name [pyloric region] | | |

| Modified OBOComponent 2340 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:18913 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18910[stomach proventricular region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18910, name=stomach proventricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18913, name=stomach proventricular region lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18913 has name [lumen] | | |

| Modified OBOComponent 2341 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:26981 | Name | Starts At |
| TS23 | Ends At | TS23 | Primary Parents |
| EMAPA:16833[oesophagus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16833, name=oesophagus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS23, present=0], OBOComponent [id=EMAPA:26981, name=oesophagus mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26981 has name [mucosa] | | |

| Modified OBOComponent 2342 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18914 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18910[stomach proventricular region] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], | | |

| Modified OBOComponent 2342 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18910, name=stomach proventricular region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18914, name=stomach proventricular region vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18914 has name [vascular element] | | |

| Modified OBOComponent 2343 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:17385 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:17383[gonad] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17383, name=gonad, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:17385, name=gonadal mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0] | | |

| Modified OBOComponent 2343 | | | |
|----------------------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17385 has synonyms [mesenchyme] | | |

| Modified OBOComponent 2344 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:17384 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:17383[gonad] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17383, name=gonad, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:17384, name=coelomic epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17384 has synonyms [germinal epithelium] | | |

| Modified OBOComponent 2345 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18917 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27499[stomach pyloric region mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2345 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18915, name=stomach pyloric region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27499, name=stomach pyloric region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18917, name=stomach pyloric region epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18917 has name [epithelium] | | |

| Modified OBOComponent 2346 | | | |
|----------------------------------|--|------|-----------------|
| ID | EMAPA:17383 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:17381[reproductive system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17383, name=gonad, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 2346 | | | |
|----------------------------|---|-------------|---------|
| | start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:17383 has synonyms [gonad primordium] | | |

| Modified OBOComponent 2347 | | | |
|-------------------------------------|--|-------------|-----------------|
| ID | EMAPA:18918 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18915[stomach pyloric region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18915, name=stomach pyloric region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18918, name=stomach pyloric region lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18918 has name [lumen] | | |

| Modified OBOComponent 2348 | | | |
|--|--|------|-----------------|
| ID | EMAPA:17389 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:17388[left lung rudiment lobar bronchus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, | | |

Modified OBOComponent 2348

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16727, name=respiratory
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16728, name=lung,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00053, name=lobar bronchus,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:17388, name=left lung
rudiment lobar bronchus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS19, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:17389, name=left lung
rudiment lobar bronchus associated mesenchyme,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS19, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16727, name=respiratory
system, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16728, name=lung,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16729, name=left lung
rudiment, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:17388, name=left lung
rudiment lobar bronchus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS19, end=TS19, present=0 ],
OBOComponent [ id=EMAPA:17389, name=left lung
rudiment lobar bronchus associated mesenchyme,
```

| Modified OBOComponent 2348 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17389 has name [associated mesenchyme] | | |

| Modified OBOComponent 2349 | | | |
|--|---|------|-----------------|
| ID | EMAPA:17388 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| TH:00053[lobar bronchus] EMAPA:16729[left lung rudiment] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=TH:00053, name=lobar bronchus, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17388, name=left lung rudiment lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0],</p> | | |

| Modified OBOComponent 2349 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16727, name=respiratory system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16728, name=lung, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16729, name=left lung rudiment, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0], OBOComponent [id=EMAPA:17388, name=left lung rudiment lobar bronchus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:17388 has name [lobar bronchus] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:17388 has parents [TH:00053, EMAPA:16729] | | |

| Modified OBOComponent 2350 | | | |
|--|---|------|-----------------|
| ID | EMAPA:18270 | Name | Starts At |
| TS22 | Ends At | TS23 | Primary Parents |
| EMAPA:18267[gastro-oesophageal junction] | | | Group Parents |
| | | | Synonyms |
| [artery, vein] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:18267, name=gastro-oesophageal junction, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:18270, name=gastro-oesophageal junction vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 2350 | | | |
|----------------------------|---|-------------|---------|
| | start=TS22, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18270 has name [vascular element] | | |

| Modified OBOComponent 2351 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:27577 | Name | Starts At |
| TS17 | Ends At | TS18 | Primary Parents |
| EMAPA:27573[cloaca] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16367, name=genitourinary system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:27573, name=cloaca, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS18, present=0], OBOComponent [id=EMAPA:27577, name=cloacal epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS17, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:27577 has synonyms [distal urethral epithelium] | | |

| Modified OBOComponent 2352 | | | |
|-------------------------------------|---|------|-----------------|
| ID | EMAPA:18275 | Name | Starts At |
| TS22 | Ends At | TS23 | Primary Parents |
| EMAPA:17883[tongue skeletal muscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

| Modified OBOComponent 2352 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16706, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS23, present=0], OBOComponent [id=EMAPA:17185, name=tongue, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:17883, name=tongue skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS23, present=0], OBOComponent [id=EMAPA:18275, name=tongue extrinsic skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18275 has name [extrinsic] | | |

| Modified OBOComponent 2353 | | | |
|-----------------------------|--|------|-----------------|
| ID | EMAPA:26977 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:26965[pharynx mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 2353 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18838, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:26965, name=pharynx mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:26977, name=pharynx lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:26977 has name [lamina propria] | | |

| Modified OBOComponent 2354 | | | |
|-------------------------------------|---|-------------|-----------------|
| ID | EMAPA:27511 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18915[stomach pyloric region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18915, name=stomach pyloric region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27511, name=stomach pyloric region serosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27511 has name [serosa] | | |

| Modified OBOComponent 2355 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18179 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17748[pectoral girdle and thoracic body wall skeletal muscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0],</p> <p>OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17747, name=pectoral girdle and thoracic body wall muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17748, name=pectoral girdle and thoracic body wall skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18179, name=pectoralis major, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</p> <p>2. [</p> <p>OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0],</p> <p>OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0],</p> <p>OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17747, name=pectoral girdle and thoracic body wall muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:17748, name=pectoral girdle and thoracic body wall skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0],</p> <p>OBOComponent [id=EMAPA:18179, name=pectoralis major, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy,</p> | | |

| Modified OBOComponent 2355 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS22, end=TS26, present=0 [] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18179 has synonyms [pectoralis profundus] | | |

| Modified OBOComponent 2356 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:27519 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27499[stomach pyloric region mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18915, name=stomach pyloric region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27499, name=stomach pyloric region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27519, name=stomach pyloric region lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27519 has name [lamina propria] | | |

| Modified OBOComponent 2357 | | | |
|-----------------------------|-------------|------|-----------------|
| ID | EMAPA:18172 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18171[cranial muscle] | | | Group Parents |
| | | | |

| Modified OBOComponent 2357 | | | |
|----------------------------|--|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | <div>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18171, name=cranial muscle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18172, name=cranial skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</div> <div>2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18171, name=cranial muscle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18172, name=cranial skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]]</div> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18172 has name [skeletal muscle] | | |

| Modified OBOComponent 2358 | | | |
|--|-------------|------|-----------------|
| ID | EMAPA:27523 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27499[stomach pyloric region mucosa] | | | Group Parents |
| | | | Synonyms |
| | | | |

| Modified OBOComponent 2358 | | | |
|----------------------------|---|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18915, name=stomach pyloric region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27499, name=stomach pyloric region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27523, name=stomach pyloric region gastric gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27523 has name [gastric gland] | | |

| Modified OBOComponent 2359 | | | |
|---|---|------|-----------------|
| ID | EMAPA:18188 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18187[integumental system muscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2359 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18187, name=integumental system muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18188, name=integumental system superficial muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18188 has name [superficial muscle] | | |

| Modified OBOComponent 2360 | | | |
|----------------------------------|---|-------------|-----------------|
| ID | EMAPA:18187 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17524[integumental system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:17524, name=integumental system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS26, present=0], OBOComponent [id=EMAPA:18187, name=integumental system muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18187 has name [muscle] | | |

| Modified OBOComponent 2361 | | | |
|--|--|------|-----------------|
| ID | EMAPA:27527 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27499[stomach pyloric region mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 2361 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18915, name=stomach pyloric region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27499, name=stomach pyloric region mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27527, name=stomach pyloric region muscularis mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27527 has name [muscularis mucosa] | | |

| Modified OBOComponent 2362 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18180 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17748[pectoral girdle and thoracic body wall skeletal muscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 2362 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17747, name=pectoral girdle and thoracic body wall muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17748, name=pectoral girdle and thoracic body wall skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18180, name=pectoralis minor, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17747, name=pectoral girdle and thoracic body wall muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17748, name=pectoral girdle and thoracic body wall skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18180, name=pectoralis minor, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18180 has synonyms [pectoralis superficialis] | | |

| Modified OBOComponent 2363 | | | |
|-----------------------------------|--|------|-----------------|
| ID | EMAPA:18185 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:18184[pelvic girdle muscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, | | |

| Modified OBOComponent 2363 | | | |
|----------------------------|---|--------|-------------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18184, name=pelvic girdle muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18185, name=pelvic girdle skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18184, name=pelvic girdle muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18185, name=pelvic girdle skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | Rule Status | PASSED | Edit Status |
| | | | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18185 has name [skeletal muscle] | | |

| Modified OBOComponent 2364 | | | |
|---|--|------|-----------------|
| ID | EMAPA:18184 | Name | Starts At |
| TS22 | Ends At | TS26 | Primary Parents |
| EMAPA:17743[vertebral axis muscle system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2364 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=TH:00070, name=musculoskeletal system, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18184, name=pelvic girdle muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:17743, name=vertebral axis muscle system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18184, name=pelvic girdle muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18184 has name [pelvic girdle] | | |

| Modified OBOComponent 2365 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:27531 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18256[anal canal] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary | | |

| Modified OBOComponent 2365 | | | |
|----------------------------|---|-------------|---------|
| | system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:27531, name=anal canal mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27531 has name [mucosa] | | |

| Modified OBOComponent 2366 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:27535 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18256[anal canal] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:27535, name=anal canal submucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27535 has name [submucosa] | | |

| Modified OBOComponent 2367 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:18198 | Name | Starts At |
| TS22 | Ends At | TS23 | Primary Parents |

| | | | |
|---------------------------------|--|---------------|---------|
| Modified OBOComponent 2367 | | | |
| EMAPA:18196[thyroid gland lobe] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | <div>1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16557, name=foregut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17068, name=thyroid gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:18196, name=thyroid gland lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:18198, name=thyroid gland right lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0]]</div> | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18198 has name [right] | | |

| | | | |
|---------------------------------|---|------|-----------------|
| Modified OBOComponent 2368 | | | |
| ID | EMAPA:18197 | Name | Starts At |
| TS22 | Ends At | TS23 | Primary Parents |
| EMAPA:18196[thyroid gland lobe] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

| Modified OBOComponent 2368 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16557, name=foregut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17068, name=thyroid gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:18196, name=thyroid gland lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0], OBOComponent [id=EMAPA:18197, name=thyroid gland left lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18197 has name [left] | | |

| Modified OBOComponent 2369 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:18196 | Name | Starts At |
| TS22 | Ends At | TS23 | Primary Parents |
| EMAPA:17068[thyroid gland] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 2369 | | | |
|----------------------------|---|-------------|---------|
| | group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16557, name=foregut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17068, name=thyroid gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:18196, name=thyroid gland lobe, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18196 has name [lobe] | | |

| Modified OBOComponent 2370 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18195 | Name | Starts At |
| TS22 | Ends At | TS23 | Primary Parents |
| EMAPA:17068[thyroid gland] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16548, name=foregut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:16557, name=foregut gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS23, present=0], OBOComponent [id=EMAPA:17068, name=thyroid gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS23, present=0], OBOComponent [id=EMAPA:18195, name=thyroid gland isthmus, statusChange=CHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2370 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS23, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18195 has name [isthmus] | | |

| Modified OBOComponent 2371 | | | |
|--------------------------------|---|-------------|-----------------|
| ID | EMAPA:27543 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27531[anal canal mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:27531, name=anal canal mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27543, name=anal canal gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27543 has name [gland] | | |

| Modified OBOComponent 2372 | | | |
|--------------------------------|--|------|-----------------|
| ID | EMAPA:27547 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:27531[anal canal mucosa] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 2372 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16831, name=anal region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS16, end=TS26, present=0], OBOComponent [id=EMAPA:18256, name=anal canal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:27531, name=anal canal mucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27547, name=anal canal lamina propria, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27547 has name [lamina propria] | | |

| Modified OBOComponent 2373 | | | |
|---|---|------|-----------------|
| ID | EMAPA:18985 | Name | Starts At |
| TS24 | Ends At | TS27 | Primary Parents |
| EMAPA:17959[female reproductive system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], | | |

| Modified OBOComponent 2373 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:18985, name=uterine horn, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS27, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18985 has synonyms [uterus] | | |

| Modified OBOComponent 2374 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:18970 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17924[upper jaw] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18970, name=upper jaw gum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18970 has name [gum] | | |

| Modified OBOComponent 2375 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:18972 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18970[upper jaw gum] | | | Group Parents |

| Modified OBOComponent 2375 | | | |
|----------------------------|--|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18970, name=upper jaw gum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18972, name=upper jaw gum mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18972 has name [mesenchyme] | | |

| Modified OBOComponent 2376 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18971 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18970[upper jaw gum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, | | |

| Modified OBOComponent 2376 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17924, name=upper jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18970, name=upper jaw gum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18971, name=upper jaw gum epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18971 has name [epithelium] | | |

| Modified OBOComponent 2377 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18966 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18964[pharyngeal constrictor muscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18838, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, | | |

| Modified OBOComponent 2377 | | | |
|----------------------------|--|-------------|---------|
| | group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18963, name=pharynx skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18964, name=pharyngeal constrictor muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18966, name=superior pharyngeal constrictor muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18966 has name [superior] | | |

| Modified OBOComponent 2378 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:18967 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:17906[lower jaw] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17906, name=lower jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18967, name=lower jaw gum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18967 has name [gum] | | |

| Modified OBOComponent 2379 | | | |
|--------------------------------------|--|-------------|-----------------|
| ID | EMAPA:18964 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18963[pharynx skeletal muscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18838, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18963, name=pharynx skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18964, name=pharyngeal constrictor muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18964 has name [constrictor muscle] | | |

| Modified OBOComponent 2380 | | | |
|--|--|------|-----------------|
| ID | EMAPA:18965 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18964[pharyngeal constrictor muscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2380 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18838, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18963, name=pharynx skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18964, name=pharyngeal constrictor muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18965, name=inferior pharyngeal constrictor muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18965 has name [inferior] | | |

| Modified OBOComponent 2381 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18968 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18967[lower jaw gum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2381 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17906, name=lower jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18967, name=lower jaw gum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18968, name=lower jaw gum epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18968 has name [epithelium] | | |

| Modified OBOComponent 2382 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:18969 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18967[lower jaw gum] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16262, name=oral region, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00204, name=jaw, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:17906, name=lower jaw, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS21, end=TS26, present=0], OBOComponent [id=EMAPA:18967, name=lower jaw gum, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18969, name=lower jaw gum mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, | | |

| Modified OBOComponent 2382 | | | |
|----------------------------|---|-------------|---------|
| | start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:18969 has name [mesenchyme] | | |

| Modified OBOComponent 2383 | | | |
|----------------------------|---|-------------|-----------------|
| ID | EMAPA:18999 | Name | Starts At |
| TS24 | Ends At | TS28 | Primary Parents |
| EMAPA:18986[vagina] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17959, name=female reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:18986, name=vagina, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS28, present=0], OBOComponent [id=EMAPA:18999, name=lower part of vagina, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18999 has synonyms [sinus vagina] | | |

| Modified OBOComponent 2384 | | | |
|-------------------------------------|--|------|-----------------|
| ID | EMAPA:27507 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18915[stomach pyloric region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

| Modified OBOComponent 2384 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18915, name=stomach pyloric region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27507, name=stomach pyloric region muscularis, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27507 has name [muscularis] | | |

| Modified OBOComponent 2385 | | | |
|---------------------------------------|--|------|-----------------|
| ID | EMAPA:18993 | Name | Starts At |
| TS25 | Ends At | TS28 | Primary Parents |
| EMAPA:17968[male reproductive system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

| Modified OBOComponent 2385 | | | |
|----------------------------|--|-------------|---------|
| | namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:18993, name=efferent duct of seminal vesicle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:18993 has synonyms [vasa efferentia] | | |

| Modified OBOComponent 2386 | | | |
|-------------------------------------|---|-------------|-----------------|
| ID | EMAPA:27503 | Name | Starts At |
| TS24 | Ends At | TS26 | Primary Parents |
| EMAPA:18915[stomach pyloric region] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18889, name=stomach, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18915, name=stomach pyloric region, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:27503, name=stomach pyloric region submucosa, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:27503 has name [submucosa] | | |

| Modified OBOComponent 2387 | | | |
|------------------------------------|-------------|------|-----------------|
| ID | EMAPA:16692 | Name | Starts At |
| TS15 | Ends At | TS18 | Primary Parents |
| EMAPA:16689[common atrial chamber] | | | Group Parents |

| Modified OBOComponent 2387 | | | |
|----------------------------|--|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16689, name=common atrial chamber, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16692, name=common atrial chamber cardiac muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:16692 has End Stage TS15 | | |
| | 2. Different Name - Referenced OBOComponent EMAPA:16692 has name [cardiac muscle] | | |
| | 3. Different Synonyms - Referenced OBOComponent EMAPA:16692 has synonyms [myocardium] | | |

| Modified OBOComponent 2388 | | | |
|------------------------------------|--|------|-----------------|
| ID | EMAPA:16691 | Name | Starts At |
| TS15 | Ends At | TS18 | Primary Parents |
| EMAPA:16689[common atrial chamber] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], | | |

| Modified OBOComponent 2388 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16689, name=common atrial chamber, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16691, name=common atrial chamber endocardial lining, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:16691 has End Stage TS15 | | |
| | 2. Different Name - Referenced OBOComponent EMAPA:16691 has name [endocardial lining] | | |

| Modified OBOComponent 2389 | | | |
|------------------------------------|---|-------------|-----------------|
| ID | EMAPA:16690 | Name | Starts At |
| TS15 | Ends At | TS18 | Primary Parents |
| EMAPA:16689[common atrial chamber] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16688, name=atrium, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16689, name=common atrial chamber, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16690, name=common atrial chamber cardiac jelly, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| | | | |

| Modified OBOComponent 2389 | |
|----------------------------|--|
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:16690 has End Stage TS15 |
| | 2. Different Name - Referenced OBOComponent EMAPA:16690 has name [cardiac jelly] |

| Modified OBOComponent 2390 | | | |
|----------------------------------|---|-------------|-----------------|
| ID | EMAPA:16697 | Name | Starts At |
| TS15 | Ends At | TS18 | Primary Parents |
| EMAPA:16350[primitive ventricle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16350, name=primitive ventricle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16697, name=primitive ventricle endocardial lining, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16697 has name [endocardial lining] | | |

| Modified OBOComponent 2391 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16696 | Name | Starts At |
| TS15 | Ends At | TS26 | Primary Parents |
| EMAPA:16105[heart] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2391 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16696, name=endocardial cushion tissue, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16696 has synonyms [bulbar cushion] | | |

| Modified OBOComponent 2392 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:16695 | Name | Starts At |
| TS15 | Ends At | TS18 | Primary Parents |
| EMAPA:16338[bulbus cordis rostral half] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16333, name=bulbus cordis, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16338, name=bulbus cordis rostral half, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16695, name=bulbus cordis rostral half endocardial lining, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16695 has name [endocardial lining] | | |

| Modified OBOComponent 2393 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:16694 | Name | Starts At |
| TS15 | Ends At | TS18 | Primary Parents |
| EMAPA:16334[bulbus cordis caudal half] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16104, name=cardiovascular system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16105, name=heart, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS26, present=0], OBOComponent [id=EMAPA:16333, name=bulbus cordis, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16334, name=bulbus cordis caudal half, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS13, end=TS18, present=0], OBOComponent [id=EMAPA:16694, name=bulbus cordis caudal half endocardial lining, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16694 has name [endocardial lining] | | |

| Modified OBOComponent 2394 | | | |
|-----------------------------------|---|------|-----------------|
| ID | EMAPA:16683 | Name | Starts At |
| TS15 | Ends At | TS20 | Primary Parents |
| EMAPA:16681[fronto-nasal process] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2394 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16680, name=nasal process, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS20, present=0], OBOComponent [id=EMAPA:16681, name=fronto-nasal process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS20, present=0], OBOComponent [id=EMAPA:16683, name=fronto-nasal process mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:16683 has End Stage TS15 2. Different Name - Referenced OBOComponent EMAPA:16683 has name [mesenchyme] | | |

| Modified OBOComponent 2395 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:16680 | Name | Starts At |
| TS15 | Ends At | TS20 | Primary Parents |
| EMAPA:16542[nose] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16680, name=nasal process, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS20, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16680 has name [process] | | |

| Modified OBOComponent 2396 | | | |
|----------------------------|--|--|--|
| | | | |

| Modified OBOComponent 2396 | | | |
|-----------------------------------|---|-------------|-----------------|
| ID | EMAPA:16682 | Name | Starts At |
| TS15 | Ends At | TS19 | Primary Parents |
| EMAPA:16681[fronto-nasal process] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16680, name=nasal process, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS20, present=0], OBOComponent [id=EMAPA:16681, name=fronto-nasal process, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS20, present=0], OBOComponent [id=EMAPA:16682, name=fronto-nasal process ectoderm, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS19, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:16682 has End Stage TS15 | | |
| | 2. Different Name - Referenced OBOComponent EMAPA:16682 has name [ectoderm] | | |

| Modified OBOComponent 2397 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16676 | Name | Starts At |
| TS15 | Ends At | TS17 | Primary Parents |
| EMAPA:16674[optic cup] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, | | |

| Modified OBOComponent 2397 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16674, name=optic cup, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS17, present=0], OBOComponent [id=EMAPA:16676, name=optic cup intraretinal space, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16676 has name [intraretinal space] | | |

| Modified OBOComponent 2398 | | | |
|---|---|-------------|-----------------|
| ID | EMAPA:16677 | Name | Starts At |
| TS15 | Ends At | TS17 | Primary Parents |
| EMAPA:16674[optic cup] | | | Group Parents |
| | | | Synonyms |
| [future pigmented layer, future pigmented retinal epithelium, future PRE] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16674, name=optic cup, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS17, present=0], OBOComponent [id=EMAPA:16677, name=optic cup outer layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16677 has name [outer layer] | | |

| Modified OBOComponent 2399 | | | |
|----------------------------|--|--|--|
| | | | |

| Modified OBOComponent 2399 | | | |
|---|--|-------------|-----------------|
| ID | EMAPA:16675 | Name | Starts At |
| TS15 | Ends At | TS17 | Primary Parents |
| EMAPA:16674[optic cup] | | | Group Parents |
| | | | Synonyms |
| [future neural epithelium, future neural layer] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16674, name=optic cup, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS17, present=0], OBOComponent [id=EMAPA:16675, name=optic cup inner layer, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16675 has name [inner layer] | | |

| Modified OBOComponent 2400 | | | |
|----------------------------|--|------|-----------------|
| ID | EMAPA:16673 | Name | Starts At |
| TS15 | Ends At | TS17 | Primary Parents |
| EMAPA:16198[eye] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16198, name=eye, | | |

| Modified OBOComponent 2400 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16673, name=eye mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS17, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16673 has name [mesenchyme] | | |

| Modified OBOComponent 2401 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:16671 | Name | Starts At |
| TS15 | Ends At | TS18 | Primary Parents |
| EMAPA:16669[otocyst] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16669, name=otocyst, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16671, name=otocyst epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:16671 has End Stage TS16 | | |
| | 2. Different Name - Referenced OBOComponent EMAPA:16671 has name [epithelium] | | |

| Modified OBOComponent 2402 | | | |
|----------------------------|-------------|------|-----------------|
| ID | EMAPA:16670 | Name | Starts At |
| TS15 | Ends At | TS18 | Primary Parents |
| EMAPA:16669[otocyst] | | | Group Parents |
| | | | Synonyms |
| | | | |

| Modified OBOComponent 2402 | | | |
|----------------------------|---|--------------|---------|
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16669, name=otocyst, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0], OBOComponent [id=EMAPA:16670, name=otocyst associated mesenchyme, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different End Stage - Referenced OBOComponent EMAPA:16670 has End Stage TS16 | | |
| | 2. Different Name - Referenced OBOComponent EMAPA:16670 has name [associated mesenchyme] | | |

| Modified OBOComponent 2403 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:16669 | Name | Starts At |
| TS15 | Ends At | TS18 | Primary Parents |
| EMAPA:16194[inner ear] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], | | |

| Modified OBOComponent 2403 | | | |
|----------------------------|---|-------------|---------|
| | OBOComponent [id=EMAPA:16193, name=ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16194, name=inner ear, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16669, name=otocyst, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS18, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16669 has synonyms [otic vesicle] | | |

| Modified OBOComponent 2404 | | | |
|---|---|------|-----------------|
| ID | EMAPA:16667 | Name | Starts At |
| TS15 | Ends At | TS26 | Primary Parents |
| TH:00276[peripheral nervous system ganglion] EMAPA:16666[spinal] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00269, name=ganglion, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00276, name=peripheral nervous system ganglion, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16667, name=spinal ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2404 | | | |
|----------------------------|--|---|---------|
| | | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00276, name=peripheral nervous system ganglion, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16667, name=spinal ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0]] | |
| | | 3. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16666, name=spinal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16667, name=spinal ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0]] | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:16667 has name [ganglion] | | |
| | 2. Different Parents - Referenced OBOComponent EMAPA:16667 has parents [TH:00276, EMAPA:16666] | | |

| Modified OBOComponent 2405 | | | |
|------------------------------|---|------|-----------------|
| ID | EMAPA:16668 | Name | Starts At |
| TS15 | Ends At | TS26 | Primary Parents |
| EMAPA:16667[spinal ganglion] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

Modified OBOComponent 2405

```
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=TH:00269, name=ganglion,
statusChange=NEW, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00276, name=peripheral nervous
system ganglion, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16667, name=spinal
ganglion, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16668, name=dorsal root
ganglion, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16665, name=peripheral
nervous system, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00276, name=peripheral nervous
system ganglion, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16667, name=spinal
ganglion, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16668, name=dorsal root
ganglion, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS15, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
```

| Modified OBOComponent 2405 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16666, name=spinal, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16667, name=spinal ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:16668, name=dorsal root ganglion, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16668 has synonyms [posterior root ganglion] | | |

| Modified OBOComponent 2406 | | | |
|-----------------------------|--|-------------|-----------------|
| ID | EMAPA:16665 | Name | Starts At |
| TS15 | Ends At | TS26 | Primary Parents |
| EMAPA:16469[nervous system] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:16665, name=peripheral nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:16665 has synonyms [PNS] | | |

| Modified OBOComponent 2407 | | | |
|----------------------------|--|--|--|
| | | | |

| Modified OBOComponent 2407 | | | |
|--|---|------|-----------------|
| ID | EMAPA:31021 | Name | Starts At |
| TS22 | Ends At | TS24 | Primary Parents |
| EMAPA:28049[immature loop of Henle] EMAPA:31414[medullary renal tubule] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | <p>1. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28445, name=stage IV immature nephron, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22, end=TS22, present=0], OBOComponent [id=EMAPA:28049, name=immature loop of Henle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS24, present=0], OBOComponent [id=EMAPA:31414, name=medullary renal tubule, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22, end=TS24, present=0], OBOComponent [id=EMAPA:31021, name=bend of immature loop of Henle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS24, present=0]]</pre> <p>2. [</p> <pre> OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17366, name=urinary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17373, name=metanephros, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:28445, name=stage IV immature nephron, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS22,</pre> | | |

Modified OBOComponent 2407

```
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:28049, name=immature loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31021, name=bend of
immature loop of Henle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19279, name=renal medulla,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28049, name=immature loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31414, name=medullary renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31021, name=bend of
immature loop of Henle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
```

Modified OBOComponent 2407

```
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:28049, name=immature loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31414, name=medullary renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31021, name=bend of
immature loop of Henle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28445, name=stage IV
immature nephron, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS22,
end=TS22, present=0 ],
OBOComponent [ id=EMAPA:28049, name=immature loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31021, name=bend of
immature loop of Henle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
6. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
```

Modified OBOComponent 2407

```
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19279, name=renal medulla,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28049, name=immature loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31414, name=medullary renal
tubule, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31021, name=bend of
immature loop of Henle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19279, name=renal medulla,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28049, name=immature loop
of Henle, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS24, present=0 ],
OBOComponent [ id=EMAPA:31021, name=bend of
immature loop of Henle, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS22, end=TS24, present=0 ]]
```

| | | | |
|-------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:31021 has synonyms [U-turn] | | |

Modified OBOComponent 2408

| | | | |
|---|-------------|------|-----------------|
| ID | EMAPA:19261 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:19253[midgut derived large intestine] | | | Group Parents |

| Modified OBOComponent 2408 | | | |
|----------------------------|--|--------------|---------|
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00230, name=intestine, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:19252, name=large intestine, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19253, name=midgut derived large intestine, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:19261, name=midgut derived large intestine vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19261 has name [vascular element] | | |

| Modified OBOComponent 2409 | | | |
|---|--|------|-----------------|
| ID | EMAPA:30043 | Name | Starts At |
| TS23 | Ends At | TS28 | Primary Parents |
| EMAPA:31443[renal capillaries] EMAPA:28457[renal vasculature] EMAPA:28157[renal medullary vasculature] EMAPA:31469[small blood vessels] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, | | |

Modified OBOComponent 2409

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31563, name=developing
vasculature of urinary system GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28457, name=renal
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:30043, name=renal medullary
capillary, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS28, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28457, name=renal
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:30043, name=renal medullary
capillary, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS28, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31469, name=small blood
vessels, statusChange=UNCHANGED, statusRule=PASSED,
```

Modified OBOComponent 2409

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:30043, name=renal medullary
capillary, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS28, present=0 ]]
```

```
4. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31443, name=renal
capillaries, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS23,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:30043, name=renal medullary
capillary, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS28, present=0 ]]
```

```
5. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31563, name=developing
vasculature of urinary system GROUP,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS20, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28457, name=renal
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:30043, name=renal medullary
capillary, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS28, present=0 ]]
```

```
6. [
```


Modified OBOComponent 2409

```
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28457, name=renal
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS21,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:30043, name=renal medullary
capillary, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS28, present=0 ]]
```

```
7. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31469, name=small blood
vessels, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:30043, name=renal medullary
capillary, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS28, present=0 ]]
```

```
8. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
```

Modified OBOComponent 2409

```
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:31443, name=renal
capillaries, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=true, start=TS23,
end=TS28, present=0 ],
OBOComponent [ id=EMAPA:30043, name=renal medullary
capillary, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS28, present=0 ]]
```

```
9. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16245, name=visceral organ,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS12, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17366, name=urinary system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:17373, name=metanephros,
statusChange=CHANGED, statusRule=PASSED, dbID=TBD,
newid=TBD, namespace=abstract_anatomy, group=false,
start=TS19, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:19279, name=renal medulla,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:28157, name=renal medullary
vasculature, statusChange=UNCHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS23, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:30043, name=renal medullary
capillary, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS23, end=TS28, present=0 ]]
```

| | | | |
|-------------|--|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:30043 has synonyms [vasa recta] | | |

Modified OBOComponent 2410

| | | | |
|------|-------------|------|-----------------|
| ID | EMAPA:19260 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |

| | | | |
|---|--|---------------|---------|
| Modified OBOComponent 2410 | | | |
| EMAPA:19259[midgut derived large intestine mesentery] | | Group Parents | |
| | | Synonyms | |
| [] | | Primary Path | |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00230, name=intestine, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:19252, name=large intestine, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19253, name=midgut derived large intestine, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:19259, name=midgut derived large intestine mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:19260, name=midgut derived large intestine dorsal mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19260 has name [dorsal mesentery] | | |

| | | | |
|--|--|------|-----------------|
| Modified OBOComponent 2411 | | | |
| ID | EMAPA:19263 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:19254[hindgut derived large intestine] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, | | |

| Modified OBOComponent 2411 | | | |
|----------------------------|---|-------------|---------|
| | statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00230, name=intestine, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:19252, name=large intestine, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19254, name=hindgut derived large intestine, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:19263, name=hindgut derived large intestine lumen, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19263 has name [lumen] | | |

| Modified OBOComponent 2412 | | | |
|--|--|------|-----------------|
| ID | EMAPA:19262 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:19254[hindgut derived large intestine] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, | | |

| Modified OBOComponent 2412 | | | |
|----------------------------|--|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00230, name=intestine, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:19252, name=large intestine, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19254, name=hindgut derived large intestine, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:19262, name=hindgut derived large intestine epithelium, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19262 has name [epithelium] | | |

| Modified OBOComponent 2413 | | | |
|--|--|------|-----------------|
| ID | EMAPA:19265 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:19264[hindgut derived large intestine mesentery] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00230, name=intestine, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:19252, name=large intestine, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19254, name=hindgut derived large intestine, statusChange=UNCHANGED, | | |

| Modified OBOComponent 2413 | | | |
|----------------------------|--|-------------|---------|
| | statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:19264, name=hindgut derived large intestine mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:19265, name=hindgut derived large intestine dorsal mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19265 has name [dorsal mesentery] | | |

| Modified OBOComponent 2414 | | | |
|--|--|-------------|-----------------|
| ID | EMAPA:19264 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:19254[hindgut derived large intestine] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00230, name=intestine, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:19252, name=large intestine, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19254, name=hindgut derived large intestine, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:19264, name=hindgut derived large intestine mesentery, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19264 has name [mesentery] | | |

| Modified OBOComponent 2415 | | | |
|--|---|-------------|-----------------|
| ID | EMAPA:19266 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:19254[hindgut derived large intestine] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=TH:00230, name=intestine, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS18, end=TS26, present=0], OBOComponent [id=EMAPA:19252, name=large intestine, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS25, end=TS26, present=0], OBOComponent [id=EMAPA:19254, name=hindgut derived large intestine, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0], OBOComponent [id=EMAPA:19266, name=hindgut derived large intestine vascular element, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19266 has name [vascular element] | | |

| Modified OBOComponent 2416 | | | |
|--------------------------------------|--|------|-----------------|
| ID | EMAPA:19269 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:18963[pharynx skeletal muscle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, | | |

| Modified OBOComponent 2416 | | | |
|----------------------------|---|-------------|---------|
| | dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:16246, name=alimentary system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16247, name=gut, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:18838, name=pharynx, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:18963, name=pharynx skeletal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS26, present=0], OBOComponent [id=EMAPA:19269, name=pharynx pretracheal muscle, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19269 has name [pretracheal] | | |

| Modified OBOComponent 2417 | | | |
|---------------------------------|---|------|-----------------|
| ID | EMAPA:19274 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:18225[hypogastric plexus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00269, name=ganglion, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00276, name=peripheral nervous system ganglion, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, | | |

Modified OBOComponent 2417

```
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18224, name=autonomic nerve
plexus, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18225, name=hypogastric
plexus, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19274, name=superior
hypogastric plexus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]
```

```
2. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16665, name=peripheral
nervous system, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16984, name=autonomic
nervous system, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18224, name=autonomic nerve
plexus, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18225, name=hypogastric
plexus, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19274, name=superior
hypogastric plexus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16665, name=peripheral
```

| Modified OBOComponent 2417 | | | |
|----------------------------|---|-------------|---------|
| | nervous system, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00276, name=peripheral nervous system ganglion, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18224, name=autonomic nerve plexus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18225, name=hypogastric plexus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:19274, name=superior hypogastric plexus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19274 has name [superior] | | |

| Modified OBOComponent 2418 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:19278 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:18593[nasal meatus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:18593, name=nasal meatus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:19278, name=inferior nasal meatus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19278 has name [inferior] | | |

| Modified OBOComponent 2419 | | | |
|----------------------------|--|--|--|
| | | | |

| Modified OBOComponent 2419 | | | |
|----------------------------|--|-------------|-----------------|
| ID | EMAPA:19277 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:18593[nasal meatus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:18593, name=nasal meatus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:19277, name=middle nasal meatus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19277 has name [middle] | | |

| Modified OBOComponent 2420 | | | |
|----------------------------|---|------|-----------------|
| ID | EMAPA:19276 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:18593[nasal meatus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16192, name=sensory organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS26, present=0], OBOComponent [id=EMAPA:16542, name=nose, | | |

| Modified OBOComponent 2420 | | | |
|----------------------------|--|-------------|---------|
| | statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=EMAPA:18593, name=nasal meatus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS23, end=TS26, present=0], OBOComponent [id=EMAPA:19276, name=superior nasal meatus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19276 has name [superior] | | |

| Modified OBOComponent 2421 | | | |
|---------------------------------|--|------|-----------------|
| ID | EMAPA:19275 | Name | Starts At |
| TS26 | Ends At | TS26 | Primary Parents |
| EMAPA:18225[hypogastric plexus] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16469, name=nervous system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS14, end=TS26, present=0], OBOComponent [id=TH:00269, name=ganglion, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=TH:00276, name=peripheral nervous system ganglion, statusChange=NEW, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS15, end=TS26, present=0], OBOComponent [id=EMAPA:18224, name=autonomic nerve plexus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:18225, name=hypogastric plexus, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS22, end=TS26, present=0], OBOComponent [id=EMAPA:19275, name=inferior hypogastric plexus, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS26, present=0]] | | |
| | 2. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

Modified OBOComponent 2421

```
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16665, name=peripheral
nervous system, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16984, name=autonomic
nervous system, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS17, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18224, name=autonomic nerve
plexus, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18225, name=hypogastric
plexus, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19275, name=inferior
hypogastric plexus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]
```

```
3. [
OBOComponent [ id=EMAPA:0, name=Abstract anatomy,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=, end=, present=0 ],
OBOComponent [ id=EMAPA:25765, name=mouse,
statusChange=UNCHECKED, statusRule=UNCHECKED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS01, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16039, name=embryo,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=true, start=TS04, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16103, name=organ system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS11, end=TS28, present=0 ],
OBOComponent [ id=EMAPA:16469, name=nervous system,
statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS14, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:16665, name=peripheral
nervous system, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=TH:00276, name=peripheral nervous
system ganglion, statusChange=NEW,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS15, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18224, name=autonomic nerve
plexus, statusChange=CHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:18225, name=hypogastric
plexus, statusChange=UNCHANGED, statusRule=PASSED,
dbID=TBD, newid=TBD, namespace=abstract_anatomy,
group=false, start=TS22, end=TS26, present=0 ],
OBOComponent [ id=EMAPA:19275, name=inferior
hypogastric plexus, statusChange=CHANGED,
statusRule=PASSED, dbID=TBD, newid=TBD,
namespace=abstract_anatomy, group=false,
start=TS26, end=TS26, present=0 ]]
```

| | | | |
|-------------|--------|-------------|---------|
| Rule Status | PASSED | Edit Status | CHANGED |
| | | | |

| Modified OBOComponent 2421 | |
|----------------------------|---|
| Comments | 1. Different Name - Referenced OBOComponent EMAPA:19275 has name [inferior] |

| Modified OBOComponent 2422 | | | |
|-----------------------------------|---|-------------|-----------------|
| ID | EMAPA:19286 | Name | Starts At |
| TS26 | Ends At | TS28 | Primary Parents |
| EMAPA:19285[male accessory gland] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17968, name=male reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS20, end=TS28, present=0], OBOComponent [id=EMAPA:19285, name=male accessory gland, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS24, end=TS28, present=0], OBOComponent [id=EMAPA:19286, name=bulbourethral gland, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS26, end=TS28, present=0]] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:19286 has synonyms [Cowper's gland] | | |

| Modified OBOComponent 2423 | | | |
|-------------------------------|---|------|-----------------|
| ID | EMAPA:30077 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:17382[genital tubercle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], | | |

| Modified OBOComponent 2423 | | | |
|----------------------------|--|-------------|---------|
| | OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17382, name=genital tubercle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:30077, name=dorsal genital swelling, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced OBOComponent EMAPA:30077 has synonyms [dorsal genital tubercle] | | |

| Modified OBOComponent 2424 | | | |
|-------------------------------|---|-------------|-----------------|
| ID | EMAPA:30079 | Name | Starts At |
| TS19 | Ends At | TS19 | Primary Parents |
| EMAPA:17382[genital tubercle] | | | Group Parents |
| | | | Synonyms |
| [] | | | Primary Path |
| Alternate Paths | 1. [OBOComponent [id=EMAPA:0, name=Abstract anatomy, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=, end=, present=0], OBOComponent [id=EMAPA:25765, name=mouse, statusChange=UNCHECKED, statusRule=UNCHECKED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS01, end=TS28, present=0], OBOComponent [id=EMAPA:16039, name=embryo, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=true, start=TS04, end=TS26, present=0], OBOComponent [id=EMAPA:16103, name=organ system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS11, end=TS28, present=0], OBOComponent [id=EMAPA:16245, name=visceral organ, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS12, end=TS28, present=0], OBOComponent [id=EMAPA:17381, name=reproductive system, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS28, present=0], OBOComponent [id=EMAPA:17382, name=genital tubercle, statusChange=UNCHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0], OBOComponent [id=EMAPA:30079, name=ventrolateral genital swelling, statusChange=CHANGED, statusRule=PASSED, dbID=TBD, newid=TBD, namespace=abstract_anatomy, group=false, start=TS19, end=TS19, present=0] | | |
| Rule Status | PASSED | Edit Status | CHANGED |
| Comments | 1. Different Synonyms - Referenced | | |

| | |
|----------------------------|---|
| Modified OBOComponent 2424 | |
| | OBOComponent EMAPA:30079 has synonyms [ventrolateral genital tubercle] |

DELETED COMPONENTS

Total Deleted Components: 0

APPENDIX

CRITICAL terms = Terms that require revision.

NEW terms = Terms that did not exist in the original file/database.

MODIFIED terms = Terms that have a changed property.

DELETED terms = Terms that exist in the original file/database but are no longer in the current file.